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ABSTRACT

The express purpose of the study reported here is to examine whether minority group students (including female students) have equal access to vocational-technical schools. The study assessed whether or not such access, as measured through enrollment in vocational-technical school programs, currently exists. The kinds of information gathered and analyzed include: socioeconomic indicators of the communities, current enrollment figures of vocational-technical schools, enrollment figures which approximate the body of students congruent to the individual schools, and listings of current program offerings of vocational-technical schools -- for the schools and municipalities within the scope of the study. The study concentrated on the Boston and Springfield metropolitan areas. It is noted that while this allowed for investigation into the two areas in Massachusetts with the largest proportion of minority group persons, it was not possible to assess other important areas of the state which have lesser concentrations such as Lowell and New Bedford. The study focused on public schools, in particular on full-time vocational-technical education programs which were either located in separate facilities or were considered to be a separate division of a comprehensive high school and received funding under Chapter 74 of the Massachusetts General Laws. (Author/JM)

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A STUDY OF MINORITY GROUP STUDENT ACCESS

TO VOCATIONAL-TECHNICAL SCHOOLS

IN THE BOSTON AND SPRINGFIELD

METROPOLITAN AREAS

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A STUDY OF MINORITY GROUP STUDENT ACCESS TO VOCATIONAL-TECHNICAL SCHOOLS IN THE BOSTON AND SPRINGFIELD METROPOLITAN AREAS

Introduction

This report completes a two month process of developing and analyzing data relating to minority group* student access to votechnical schools. It lays the foundation for a broader study which will analyze the factors which caused the current situation discussed in this report. This Study grew out of a successful collaboration of two public agencies, the Massachusetts Advisory Council on Vocational-Technical Education, in particular its Access Committee, and the Metropolitan Planning Project.

It is hoped that the findings of this Study will serve to focus the dialogue about the issues of who is being served by the vocational-technical school facilities of the Commonwealth. The Study raised the question of whether non-white, Spanish surname, female, and urban students have equal access to all types of vocational facilities. If they do not, as is suggested by this Study, it seems clear that what needs to be examined next are the barriers which exist that prohibit such equal access, and the means and mechanisms which should be developed in order to ensure that such equal access will exist in the future.

Conclusions

The conclusions of the Study are a direct outgrowth of the Study's

^{*}Minority groups studied include: Black, Asian American, Native.
American, Spanish Surname, and female students.



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findings and its rt documentation. The conclusions expressed herein are those of the Study's staff and approved by the Massachusetts Advisory Council on Vocational-Technical Education.

- 1. That female students have the least access to vocationaltechnical school programs of any of the minority groups
 studied. They are underrepresented in the vocational-technical
 school population. When female students are enrolled in vocational-technical schools they almost always are majoring in a
 "female program" such as Home Economics or Power Stitching.
- 2. That urban school students in the Boston metropolitan area do not have equal access to newer vocational-technical schools and more varied skills programs as compared to suburban school children.

 This is, for the most part, due to the fact that the urban students only have access to the municipal vocational-technical schools servin their own district. These schools are, generally, older, spend less per pupil, and offer fewer programs than regional vocational schools.
- 3. That minority group children (Black, Asian American, Spanish Surname, and Native American) in the Boston metropolitan area do not have equal access to vocational-technical school programs. This is largely because a disproportionate number of minority group children attend school in the City of Boston and its most urbanized surrounding communities such as Cambridge. Again, this only allows access to municipal vocational-technical schools. Furthermore, those minority group children who attend



school in suburban communities through the METCO program do not currently attend any regional vocational-technical schools.

That minority group students may be directed into certain vocational-technical school programs and away from others. enrollment of Boston Trade High School reflects a significantly higher proportion of both non-white and Spanish surname students than the total Boston student pepulation from which that school's enrollment is drawn. On the other hand, the enrollment of Boston Technical High School reflects a significantly lower proportion of both non-white and Spanish surname students than the body of students from which that ehrollment was drawn. Boston Cooperative Education Programs have even a higher proportion of white student enrollment than either Boston Trade or Boston Technical High School. Similarly, the enrollment of Springfield High School of Commerce reflects a significantly higher proportion of both non-white and Spanish surname students than the total Springfield student population from which that school's student body is drawn.

Purpose

The express purpose of this Study is to examine whether minority group students (including female students) have equal access to vocational-technical schools. The Study did this by assessing whether or not such access, as measured through enrollment in vocational-technical school programs, currently exists.



Objective

The Study objective was to develop demographic information in order to assess the degree of minority group student access to vocational-technical facilities. The kinds of information gathered and analyzed include: socio-economic indicators of the communities, current enrollment figures of vocational-technical schools, enrollment figures which approximate the body of students congruent to the individual schools, and listings of current program offerings of vocational-technical schools, for the schools and municipalities within the scope of the Study.

Goals

The Study had five primary goals:

- 1. To compare those communities which have access to separate vocational-technical education facilities with those communities which do not have such access;
- 2. To compare those communities which do have access to separate vocational-technical education facilities with each other, with the communities being grouped according to the type of facilities to which they have access;
- 3. To identify which students in those communities which have access to separate vocational-technical facilities are part of the currently serviced population;
- 4. To compare the currently serviced student population of each school with the total student population from which the school's enrollment is primarily drawn;



5. To examine the distribution of the currently serviced student population by individual program offerings.

The development of these goals became the specific basis of the work program necessary to successfully meet the Study objectives.

Parameters

An important feature of this Study is its replicability. Constraints of time and money did not allow for the complete investigation of this subject as it relates to Massachusetts, so certain limits, or parameters, were set prior to the initiation of the Study. The research methodology, however, may serve as a model for future investigation for other areas within the State.

The parameters includea:

- 1. The Study focused on the Boston and Springfield metropolitan areas. While this allowed for investigation into the two areas in the State with the largest proportion of minority group persons, it was not possible to assess other important areas of the State which have lesser concentrations such as Lowell and New Bedford.
- 2. The Study focused on public secondary schools. While this allowed for investigation into the institutions primarily responsible for training students in occupational skills, other programs and institutions with similar responsibilities were not examined, such as: community colleges, community-based manpower programs, and private vocational schools.



3. The Study focused on full-time vocational-technical education programs which were either located in separate facilities or were considered to be a separate division of a comprehensive high school and received funding under Chapter 74 of the Massachusetts General Laws. While this allowed for investigation into a major number of occupational programs, other programs, such as Boston's Occupational Resource Center, and other related issues, such as the enrollment in vocational courses in the comprehensive high schools, were not included in this Study.

Research Methods and Activities

The process outlined in this section of the report describes the activities of the Study as it developed from its statement of goals through data collection and analysis to its conclusions.

- Development of a list of communities in the Boston and Springfield metropolitan areas (see LIST ONE and LIST TWO);
- 2. Development of a list of vocational-technical schools to be studied by comparing the list of communities (municipalities) in the Study area to various lists of vocational-technical schools and the municipalities they serve (see LIST THREE and LIST FOUR);
- 3. Grouping the communities according to the type of vocational-technical school facilities to which they have access;
- 4. Development of socio-economic and demographic information about these communities (see TABLE #1 series);



- 5. Comparative analysis of this configuration of communities (see Findings);
- 6. Gathering of current student enrollment figures, by race and sex characteristics, for the identified schools from secondary data sources (see TABLE #2 series and TABLE #3 series);
- 7. Analysis of this enrollment information and its relation to the comparative analysis of communities (see Findings);
- 8. Gathering of various types of characteristics from secondary data sources about the identified individual schools (see TABLE #4 series);
- 9. Gathering of current enrollment figures by sex and race characteristics for the student population from which the vocational-technical schools student bodies were primarily drawn, from secondary data sources (see TABLE #5 series);
- 10. Statistical comparison between the race and sex distribution of students attending the vocational-technical schools and of the total student body from which those schools' enrollment was primarily drawn to determine statistically significant differences in the proportion of female, non-white, and Spanish surname persons in the two populations (see LIST FIVE through LIST TEN and Appendices A and B);
- 11. Analysis of these statistically significant differences (see Findings);



- 12. Development of a list of vocational programs by school and current enrollment figures fo: these programs, insofar as data was available (see TABLE #6 series);
- 13. Development of the Study's findings, based on the above mentioned analyses;
- 14. Development of conclusions based on the Study's findings.



COMMUNITIES IN THE BOSTON METROPOLITAN AREA*

Lexington

Ashland Lincoln Reading Lynn Revere Bedford Lynnfield Rockland Belmont. Malden Beverly Salem Manchester Boston Saugus Braintree Marblehead Scituate Brookline | Marshfield Sharon Burlington Medfield Sherborn Medford Somerville Cambridge Melrose Stoneham Canton Middleton Sudbury Chelsea Millis Swampscott Milton . Cohasset ≥ Concord Topsfield Nahant Danvers Natick Wakefield Dedhani Needham Walpole Dover Newton Waltham Duxbury Norfolk Watertown North Reading Wayland **Everett** Norwell Wellesley Norwood Wenham Framingham Weston

Hanover Hingham

Hamilton

Arlington

Holbrook

Hull

Peabody Pembroke

Quincy

Randolph

Westwood Weymouth Wilmington Winchester Winthrop Woburn

Source; U.S. Department of Commerce, Bureau of the Census, 1970.

Note: Determination of the Boston Metropolitan Area is based on

. the Boston Standard Metropolitan Statistical Area (SMSA) as

defined by the U.S. Bureau of the Census, 1970.



LIST TWO

COMMUNITIES IN THE SPRINGFIELD METROPOLITAN AREA

Agawam

Chicopee

Easthampton

East Longmeadow

Granby

Hadley

Hampden

Holyoke

Longmeadow

Ludlow

Monson

Northampton

Palmer

South Hadley

Southwick

Springfield

Warren

Westfield

West Springfield

Wilbraham

Source: U.S. Department of Commerce, Bureau of the Consus, 1970.

Note: Determination of the Springfield Metropolitan Area is based on the Springfield Standard Metropolitan Statistical Area (SMSA) as defined by the U.S. Bureau of the Census, 1970. Somers, which is located in the Springfield SMSA, is not listed because it is located in Connecticut.



LIST THREE

BOSTON METROPOLITAN AREA VOCATIONAL-TECHNICAL SCHOOLS

Municip	al So	chools

Community

Arlington

Beverly

Boston

Cambridge

Everett

Lynn

Medford

Newton

Peabody ,

Norwood

Quincy

Salem

Somerville

Waltham

Weymouth

Schools |

Arlington Vocational-Technical

High School

Claude H. Patten Vocational

High School

Boston Trade High School
Boston Technical High School

Trade High for Girls

Rindge Technical School

Everett Vocational High School

Lynn Vocational Junior High

School

Lynn Independent Industrial

Shoemaking School (Independent)

Lynn Vocational-Technical

Institute

Medford Vocational-Technical

High School

Newton Technical High School

Peabody Vocational High School

Henry O. Peabody School for Girls

Quincy Vocational-Technical

High School

Salem Vocational High School

Somerville Technical Trade High

School '

Waltham Vocational High School

Weymouth Vocational-Technical

High School



LIST THREE continued

Regional Schools and Member Communities

Regional School

Blue Hills Regional Technical High School

Minuteman Regional
Vocational-Technical School

Northeast Metropolitan
Regional Vocational-Technical
School

*North Shore Regional Vocational Technical High School

Shawsheen Valley Technical High School

Southeastern Regional Vocational-Technical High School

Joseph P. Keefe Technical School

South Shore Vocational-Technical High School

*Tri-County Regional
Vocational-Technical
High School

**King Philip Regional Vgcational High School

Member Communities

Avon, Braintree, Canton, Holbrook Norwood, Randolph, Westwood

Acton, Arlington, Belmont, Boxborough, Carlisle, Concord, Lexington, Lincoln, Stow, Sudbury, Wayland, Weston

Chelsea, Malden, Melrose, North Reading, Reading, Revere, Saugus, Stoneham, Wakefield, Winchester, Woburn, Winthrop

Beverly, Boxford, Danvers, Essex, Gloucester, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Peabody, Richport, Salem, Swampscott, Topsfield

Bedford, Billerica, Burlington, Tewksbury, Wilmington

Brockton, East Bridgewater, Easton, Foxborough, Mansfield, Norton, Sharon, Stoughton, West Bridgewater

Ashland, Framingham, Holliston, Hopkinton

Abington, Cohasset, Hanover, Norwell, Rockland, Scituate

Franklin, Medfield, Medway, Millis, Norfolk, North Attleboro, Seekonk, Sherborn, Walpole

Wrentham, Plainville, Norfolk



^{*}Schools not yet open on a full-time basis.
**Vocational School located in a regional high school district.

LIST THREE continued

Sources: Massachusetts School Directory, 1973-74, Massachusetts

State Department of Education, Bureau of Educational
Information Services, June 1974.

<u>List of Massachusetts Vocational Schools</u>, Massachusetts State Department of Education, Division of Occupational Education, September 1974.

List of Regional Schools and their School Districts, 1974-75, Massachusetts Advisory Council on Vocational-Technical Education as verified by the Metropolitan Planning Project, January 1975.

Notes: A municipal school is one which is designed to primarily serve the district in which it is located and is governed by that municipality's school board.

An independent school is one which is designed to primarily serve the district in which it is located and is governed by school Board of Directors.



LIST FOUR.

SPRINGFIELD METROPOLITAN AREA VOCATIONAL-TECHNICAL SCHOOLS

Municipal Schools

Community

Schools

Chicopee

Holyoke

Chicopee Vocational-Technical
High School

•

Holyoke Trade High School

Northampton

Smith Vocational and Agricultural High School (Independent)

Springfield

Springfield High School of Commerce Springfield Technical High School

Roger L. Putnam Vocational-Technical High School

Westfield

Westfield Vocational High School

Regional Schools and Member Communities

Regional School

Member Communities

Pathfinder Regional Vocational-Technical High School Belchertown, New Braintree, Monson, Palmer

Source:

Massachusetts School Directory, 1973-74, Massachusetts State Department of Education, Bureau of Educational Information Services, June 1974.

<u>List of Massachusetts Vocational Schools</u>, Massachusetts State Department of Education, Division of Occupational Education, September 1974.

List of Regional Schools and their School Districts, 1974-75, Massachusetts Advisory Council on Vocational-Technical Education as verified by the Metropolitan Planning Project, January 1975.

Notes:

A municipal school is one which is designed to primarily serve the district in which it is located and is governed by that municipality's school board.

An independent school is one which is designed to primarily serve the district in which it is located and is governed by school Board of Directors.



LIST FIVE

SCHOOLS WHICH HAVE A SIGNIFICANTLY HIGHER PROPORTION OF NON-WHITE STUDENTS Than the Body of Students From Which They Are Drawn

Boston Metropolitan Area

Boston Trade High School Rindge Technical School (Cambridge)

Springfield Metropolitan Area

Springfield High School of Commerce Springfield Technical High School

Source: Mctropolitan Planning Project computations, April 1975.

Note: By significant difference (higher or lower proportion), we mean that the difference in the race distribution of students of the individual school and the race distribution of the total syndent population from which that body is drawn is a real difference, one which is not due to chance and/or measurement error. This statistical statement can be made with a Level of Confidence of .975.



LIST SIX

SCHOOLS WHICH HAVE A SIGNIFICANTLY LOWER PROPORTION OF NON-WHITE STUDENTS Than the Body of Students From Which They Are Drawn

Boston Metropolitan Area

Boston Technical High School
Medford Vocational-Technical High School
Minuteman Regional Vocational-Technical High School
Northeast Metropolitan Regional Vocational School
Southeastern Regional Vocational-Technical High School

Springfield Metropolitan Area

Chicopee Vocational-Technical High School Holyoke Trade High School Roger L. Putnam Vocational-Technical High School (Springfield)

Source: Metropolitan Planning Project computations, April 1975.

Note: By significant difference (higher or lower proportion), we mean that the difference in the race distribution of students of the individual school and the race distribution of the total student population from which that body is drawn is a real difference, one which is not due to chance and/or measurement error. This statistical statement can be made with a Level of Confidence of .975.



LI3T SEVEN

SCHOOLS WHICH HAVE A SIGNIFICANTLY HIGHER PROPORTION OF SPANISH SURNAME Students Than the Body of Students From Which They Are Drawn

Boston Metropolitan Area

Boston Trade High School
, Northeast Metropolitan Regional Vocational School South Shore Vocational-Technical High School Waltham Vocational High School

Springfield Metropolitan Area

Roger L. Putnam Vocational-Technical High School (Springfield)
Springfield High School of Commerce
Westfield Vocational High School

Source: Metropolitan Planning Project computations, April 1975.

Note: By significant difference (higher or lower proportion)

By significant difference (higher or lower proportion), we mean that the difference in the race distribution of students of the individual school and the race distribution of the total student population from which that body is drawn is a real difference, one which is not due to chance and/or measurement error. This statistical statement can be made with a Level of Confidence of .975.

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LIST EIGHT

SCHOOLS WHICH HAVE A SIGNIFICANTLY LOWER PROPORTION OF SPANISH SURNAME Students Than the Body of Students From Which They Are Drawn

Boston Metropolitan Area

Boston Technical High School Joseph P. Keefe Technical School

Springfield Metropolitan Area

Springfield Technical High School

Source: Metropolitan Planning Project computations, April 1975.

Note:

By significant difference (higher or lower proportion), we mean that the difference in the race distribution of students of the individual school and the race distribution of the total student population from which that body is drawn is a real difference, one which is not due to chance and/or measurement error. This statistical statement can be made with a Livel of Confidence of .975.



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LIST NINE

SCHOOLS WHICH HAVE A SIGNIFICANTLY HIGHER PROPORTION OF FEMALE STUDENTS Than the Body of Students From Which They Are Drawn

Boston Metropolitan Area

Henry O. Peabody School for Girls (Norwood)
 King Philip Regional Vocational High School

Springfield Metropolitan Area

Springfield High School of Commerce

Source: Metropolitan Planning Project computations, April 1975.

Note:

By significant difference (higher or lower proportion), we mean that the difference in the sex distribution of students of the individual school and the sex distribution of the total student population from which that body is drawn is a real difference, one which is not due to chance and/or measurement error. This statistical statement can be made with a Level of Confidence of .975.



LIST TEN

SCHOOLS WHICH HAVE A SIGNIFICANTLY LOWER PROPORTION OF FEMALE STUDENTS Than the Body of Students Flom Which They Are Drawn

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Boston Metropolitan Area

Arlington Vocational-Technical High School Claude H. Patten Vocational High School (Beverly) Boston Trade High School Boston Technical High School Rindge Technical School (Cambridge) Everett Vocational digh School Lynn Vocational Junior High School Lynn Independent Industrial Shoemaking School Lynn Vocational-Technical Institute Medford Vocational-Technical High School Peabody Vocational High School Quincy Vocational-Technical High School Salem Vocational High School Somerville Technical Trade High School Waltham Vocational High School Weymouth Vocational-Technical High School Blue Hills Regional Technical High School Minuteman Regional Vocational-Technical High School Northeast Metropolitan Regional Vocational School Shawsheen Valley Technical High School Southeastern Regional Vocational-Technical High School Joseph P. Keef Technical School South Shore Vocational-Technical High School

Springfield Metropolitan Area

Chicopee Vocational-Technical High School
Holyoke Trade High School
Smith Vocational and Agricultural High School
Springfield Technical High School
Roger L. Putnam Vocational-Technical High School (Springfield)
Westfield Vocational High School
Pathfinder Regional Vocational-Technical High School

Source: Metropolitan Planning Project computations, April 1975.

Note: By significant difference (higher or lover properties)

By significant difference (higher or lower proportion), we mean that the difference in the sex distribution of students of the individual school and the sex distribution of the total student population from which that body is drawn is a real difference, one which is not due to chance and/or measurement error. This statistical statement can be made with a Level of Confidence of .975.



METROPOLITAM PLANNING PROJECT/MANSACTUSLITS ADVISORY COUNCIL on VOCATIONAL-TECHN, AL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-A

Series #1

Selected Social and Economic Characteristics of Communities in the Boston Standard Metropolitan Statistical Area (SMSA)

23,800					
4.7.4	4				
41,244					
1,444					-
8.9					
488,859					
64.4		~			
28.9					
11,449					
Boston SMSA					
	11,449 28.9 64.4 488,859 8.9 1,444 41,244 47.4	11,449 28.9 64.4 488,859 8.9 1,444 41,244 47.4	11.449 28.9 64.4 488.859 8.9 1.444 41.244 47.4	11,449 28.9 64.4 488,859 8.9 1,444 41,244 47.4	11,449 28.9 64.4 488,859 8.9 1,444 41,244 47.4 47.4 47.4 47.4 41,244 47.4 47.4 47.4 47.4 47.4 47.4 47.4 4

Notes and Sources: See last page



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #1-B

Series #1

Selected Social and Economic Characteristics of Communities in the Boston SMSA which are only served by a Municipal Vocational-Technical School

,			100	90 0010	W W	W. N. C. L. S. D. C. L.	50.00	30 6	Vod:
		- max. •	- COM	312e 01	- NOII	camp renen-		40.00	Training of
	;	proyed	l. parard pakord	L no Tic	walte	per	Valuation	nccupred	value or
	Median	88		School	Public (Pupil	Pupil	per School Housing	Suisnor	Owner
Communities	Family	Profes-least	least 4	Enrollment	Schoo1	Cost	Attending Which is	Which is	Occupied
	Income	sionalsyears	years of	.1974-75	Enro11-	Earo11-1972-73	Child	Renter	Units
	1970	or	High	Grades	ment	Ś	1974-75	Occupied	1970
	σ	Man a-	School	1-12	1974-75		w	1970·	ዏ
		gers	1970		Grades		,		
4		1970	,		1-12		,		
			(,			(,	
Boston	9,133	22.5	53.5	/43/PT	43.4	1,210	36.950	72.8	19,600
Combridge	9 815	30 5	63.0	0 0	. 20. 2	1 70%	279 99	α \$	24 200
	22.6						7	2	2222
Everett	10,086	15.8	47.3	6,156	1.5	1,138	989.49	56.8	20,400
			,						
Lynn	9,739	18.6	53.0	15,507	7.2	1,002	32,324	54.6	18,400
		ć		- · · · · · · · · · · · · · · · · · · ·			, ,	,	000
Mediord	11,145	20.8	29.8	10,839	3.8	556	30,10/	40.3	.000,22
Newton	15,381	44.0	. 79.0	15,154	4.8	1,519	60,500	29.1	33,600
Quincy o	11,094	23.2	63.8	14,549	. 0.4	1,166	44,129	43.9	20,300
7	č		,	i			0	2	001
Somerville	9,594	10.0	40.9	11,4,11	1.0	820	27,618	65.0	10, /00
Waltham	11,523	23.1	55.1	10,079	1.2	1,110	58,164	52.1	23,800
1.00	11 631	1 70	3 67	13 207	9 0	360) 1.7.3°	3 70	, 10 000
Weynouth	11,031	7.47	6.70	13,20/	0.0	C76	22,413	50.2	17,5000
,		-		,					

NETROPOLITAN PLAMMING PROJECT/MASSACHUSETTS ADVISORY COUNCIL ON VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-C

Series #1

Selected Social and Economic Characteristics of Communities in the Boston SMSA which are only Members of a Regional Vocational-Technical School District

	•								
Communities	Median Family Income 1970 \$	Z Em- ployed as Profes- sionals or Man a- gers	Z Em- Z Com- ployed pleted as at Profes-least 4 sionalsyears of or High Mana- School gers 1970	Size of Public School Enrollment 1974-75 Grades 1-12	% Non- Compreh white sive pe Public Pupil School Cost Enroll-1972-73 ment \$ 1974-75 Grades 1-12	Comprehen-Equalized sive per Valuation Pupil per Schoo Cost Attending 1972-73 Chilu \$		% of Occupied Housing Which is Renter Occupied	Median Value of Owner Occupied Units 1970 \$
Ashland	12,148	26.3	73.7	2,146	1.3	1,015	40,524	24.1	21,300
Bedford	14,271	45.9	79.1	3,633	3.0	1,124	41,868	19.5	30,000
Belmont	13,559	42.1	75.8	4,518	3.2	1,187	68,245	35.6	38, 300
Braintree	13,030	27.9	73.0	8,479	1.0	1,040	47,782	15.1	22,700
Burlington	13,236	32.7	72.8	7,123	1.2	966 .	43,505	6.1	23,200
Canton	13,753	32.6	74.9	4,147	0.9	1,045	47,928	20.1	24,700
Chelsea	8,973	15.0	41.3	4,137	4.4	296	20,939	71.5	16,500
Cohasset	14,958	43.3	83.5	1,950	2.5	1,127	54,728	20.0	32,700
Concord	16,463	46.9	80.3	2,617	3.6	1,401	. 56,196	21.0	33,100
Danvers	12,516	30.5	67.4	5,163	0.3	1,022	46,258	23.7	22,600
Framingham	13,090	35.0	73.1	13,321	4.3	1,000	50,310	40.8	25,600

Notes and Sources: See last page



METROPOLITAM PLANNING PROJECT/MASSACHUSETTS ADVISONY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION-STUDY TABLE #1-C

Series #1

Selected Social and Economic Characteristics of Communities in the Boston SMSA which are only Members of a Regional Vocational-Technical School District

		•.							
		2 Em-	% Com-	Size of	Z Non-	Comprehen-Equalized	Equalized	% of	Median
		ployed	ployed pleted .	Public .	white	sive per	Valuation	Occupied	Value of
	Median	as	at	School	Public	Pupi1	per SchoolHousing	Housing	Owner
Communities	Family	Profes-	Profes-least 4	Enrollment	School Cost		Attending Which is	Which is	Occupied
	Income	sionalsyears	years of	1974-75	Enroll-	Enroll-1972-73	Ch11d	Renter	Units
	1970	or	High	Grades	ment	s	1974-75	Occupied	1970
	s	Man a-	School	1-12	1974-75			1970	\$
		gers	1970		Grades		•	•	
		1970	٠		1-12				
	,	•						1	•
Hamilton	12,797	38.6	0.0	1,072	0.3	896	43,303	15.4	24,700
Hanover	13,071	31.3	77.9	3,081	9.0	1,067	35,971	9.2	23,100
HOLDTOOK	11,230	23.2	64.8	2,896	2.0	1,084	28,985	15,6	18,600
Lexington	17,558	51.0	83.4	8,393	5.1	1,314	49,777	13.0	32,400
Lincoln	17,361	55.7	90.2	1,599	12.3	1,517	86,139	42.6	50,000
Lynnfield	16,242	47.5	83.2	3,034	0.5	1,150	44,212	4.8	32,500
	700 01			. 0.00			, 00 0,		
USTOER	10,204	79.	53.3	4,339	0.0	906	40.934	. 0.55	19.500
Manchester	12,677	42.6	32.9	1,225	0.2	1,068	68,651	31.5	33,000
- Marblehead	14.222	6.44	85.3	. 4.251	1.3	1.088	75.284	27.8	32,200
V- 151 - 1 3	500	* .	,			4.		,	000
ртапрам	15,609	46.5	76.0	2,682	4.0	1.018	36,318	13.7	32,200
Melrose	12,424	32.2	73.6	6,231	1.9	1,053	38,603	30.1	23,900
								,	

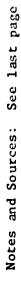
METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISO" COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VÔCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-C

Series #1

Selected Social and Economic Characteristics of Communities in the Boston SMSA which are only Members of a Regional Vocational-Technical School District

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_		, EE-	-mon -	Size of	-uon-y	Comp renen-		10 %	re an
ŗ		ployed	ployed wleted .	Public	white	sive per	Valuation	Occupied	Value of
	Median	as	at	School	Public	Pupil	per SchoolHousing	Housing	Owner
Communities	Family	Profes-least	least 4	Enrollment	School Cost	Cost	Attending Which is	Which is	Occupied
-	Income	sional	sionalsyears of	1974-75	En roll-	En ro 11-1972-73	Child Child	Renter	Units
	1970	or	High	Grades	ment	S	1974-75	Occupied	1970
	υγ	Man a-	School	1-12	1974-75		S	1970	s
,		gers	1970		Grades			_	
		1970			1-12				
	11 037	200		-	,	770	900	10,	1.0
uoa Te cou	11,03/	73.57	23./	21.3	7.0	040	30,009	13.6	10,300
M111s	12,580	33.5	73.4	1,665	0.7	796	35,418	20.3	22,000
,									
Norfolk	12,015	27.2	62.4	. 818	0	x 781	33,637	16.5	20,100
North Reading	12,485	29.7	70.6	3,122	8.0	945	34,513	12.4	21,800
Norwell	13,866	38.3	81.2	2,633	0.4	979	42,800	7.2	24,500
Rando 1ph	12,309	27.5	71.2	6,740	2.6	1,077	33,241	19.6	20,200
								٠	
Reading	13,434	36.4	77.4	5,781	1.1	926	40,382	17.9	24,600
Revere	10,325	17.4	51:3	7,399	0.2	1,227	40,028	0.95	20,900
,						,	3		
Rockland	10,746	18.4	9.09	3,667	2.3	766	25,482	23.0	17,400
Saugus	11,541	21.5	63.5	6,135	0.6	766	43,277	15.9	20,200
Scitiato	13 401	, c	0	7. 870	V	043	36 19%	, ,	25 100
	101 (C1	2:00	0.00	4000		707	20117	2007	2011





METROPOLITAN PLANNING PROJECT/NASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #1-C

Series #1

Selected Social and Economic Characteristics of Communities in the Boston SMSA which are only Members of a Regional Vocational-Technical School District

		Z Em-	Z Com-	Size of	2 Non-	Comprehen-Equalized	Equalized	% of	Median
•		ployed	ployed pleted	Public Public	white	sive per	Valuation Occupied	Occupied	Value of
	Median.	as	at	School	Public.	Pup11	per Schoothousing	Housing	
Communities	Family	Profes-	Profes-least 4	Enrollment	School Cost	Cost	Attending Which is	Which is	Occupied
	Income	sionalsyears	years of	1974-75	Enroll-	Enroll-1972-73	Child	Renter	Units
-	1970	or	High	Grades	ment	s	1974-75	Occupied	1970
-	Ś	Mana-	School	1-12	1974-75			1970	s
		gers	1970	,	Grades	, e	,		•
		1970	,		1-12			**	
COLOR OF STREET	300 71	,	5	0	,			,	
101111111111111111111111111111111111111	74,900	****	/:10	3,308	4.7	1,203	42,257	15.2	25.000
Sherborn	17,833	49.2	37.7	618	9.0	1,195	60.372	9.7	44,000
Stoneham	12,281	30.4	72.8	, 777	7 0	1 055	770 17	36.0	72 700
				l	5	CCOLT	71177	2000	204402
Suchury	17,798	52.3	85.5	3,024	1.6	- 968	42,100	9.9	33,400
Swampscott	1 1.642	40 A	77.8	2 151	٠, ر	1 223	67 216	23.0	27 100
		2		1771	7.7	77767	27.5.7	23:2	2/100
Topsfield	16,530	49.7	85.8	830	8.0	831	42,154	12.7	35,400
Wakefleld	12,412	28.7	6.99	5.473	8	1.033	787.57	26.6	23,500
eloule.	12 828		ç	, 00.	0	7.		:	
	141040	30.1	C:-71	4,004	0	1,140	3/2394	1/·3	23,400
Wayland	17,755	48.2	84.8	3,644	3.3	1,388	51,237	8.8	34,100
Weston	23,530	54.8	90.2	2,710	6.4	1.600	77.085	9.7	50.000+
We two od	17 226	6 37	0	017.6		,,,,			,000
NEO CHOOC	+CC+/+	40.7	65.9	3,418	6.9	7 97787	5/4893	6.9	29,800

METROPOLITAN PLANNING PROJECT/ALSSACHUE ETTS ADVISORY COUNCIL ON VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-C

Series #1

Selected Social and Economic Characteristics of Communities in the Boston SMSA which are only Mémbers of a Regional Vocational-Technical School District

20,800	21,700	21,800						¥	•
9.7	46:1	34.3			- +.				
39,562	37,427	40,699						-	
977	. 867	- 962		•					
0.7	0.3	1.0			٠		•		ž .
5,415	3,476	8,426	•						
64.9	59.9	67.2							
24.1	28.2	23.7	7,88			,		,	
11,713,	11,685	11,748			•		•		
					-				
Wilmington	Winthrop	Woburn	٠	•		•			
	11,713. 24,1 64,9 5,415 0,7 977 39,562 9.7 16,639 47,9 82,7 5,360 1,7 1,216 50,492 22.9	11,713. 24,1 64,9 5,415 0,7 977 39,562 9.7 16,639 47.9 82.7 5,360 1.7 1,216 50,492 22.9 11,685 28.2 59.9 3,476 0.3 867 37,427 46:1	11,713. 24.1 64.9 5,415 0,7 977 39,562 9.7 16,639 47.9 82.7 5,360 1.7 1,216 50,492 22.9 11,685 28.2 59.9 3,476 0.3 867 37,427 46:1 11,748 23.7 67.2 8,426 1.0 962 40,699 34.3	11,713. 24.1 64.9 5,415 0,7 977 39,562 9.7 16,639 47.9 82.7 5,360 1.7 1,216 50,492 22.9 11,685 28.2 59.9 3,476 0.3 867 37,427 46:1 11,748 23.7 67.2 8,426 1.0 962 40,699 34.3	11,713. 24.1 64.9 5,415 0,7 977 39,562 9.7 16,639 47.9 82.7 5,360 1.7 1,216 50,492 22.9 11,685 28.2 59.9 3,476 0.3 867 37,427 46:1 11,748 23.7 67.2 8,426 1.0 962 40,699 34.3	11,713. 24,1 64,9 5,415 0,7 977 39,562 9.7 16,639 47,9 82.7 5,360 1.7 1,216 50,492 22.9 11,685 28.2 59.9 3,476 0.3 867 37,427 46:1 11,748 23.7 67.2 8,426 1.0 962 40,699 34.3	11,713. 24.1 64.9 5,415 0,7 977 39,562 9.7 16,639 47.9 82.7 5,360 1.7 1,216 50,492 22.9 11,685 28.2 59.9' 3,476 0.3 867 37,427 46:1 11,748 23.7 67.2 8,426 1.0 962 40,699 34.3	11,713. 24,1 64,9 5,415 0,7 977 39,562 9.7 16,639 47.9 82.7 5,360 1.7 1,216 50,492 22.9 11,685 28.2 59.9 3,476 0,3 867 37,427 46:1 11,748 23.7 67.2 8,426 1.0 962 40,699 34.3	11,713- 24,1 64,9 5,415 0,7 977 39,562 9,7 16,639 47,9 82,7 5,360 1,7 1,216 50,492 22.9 11,685 28,2 59,9 3,476 0,3 867 37,427 46:1 11,748 23,7 67,2 8,426 1,0 962 40,699 34,3 11,748 23,7 67,2 8,426 1,0 962 40,699 34,3



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-D

Series #1

Selected Social and Economic Characteristics of Communities in the Boston SMSA which are served by a Municipal Vocational-Technical School and are Members of a Regional Vocational-Technical School District

							 -					1
Median Value of Owner Occupied	Units 1970 \$	25,800	21,500	24,100	22,400	20,700						
% of Occupied Housing Which is	Renter Occupied 1970	41.8	.35.2	37.6	28.4	54.0				`		
-Equalized % of Valuation Occupied per SchoolHousing Attending Which is	Child 1974–75 \$	48,128	42.958	42,341	37.132	51,599		_			6,	3
E H	1972–73 \$	1,104	922	1,128	1.114	1,024					4,	
1	Enroll-1972-73 ment	1.7	1.0	0.9	0.9	1.6		,	,			•
Size of Public School Enrollment	1974-75 Grades 1-12	8,005	7,625	6,556	10,149	6.395	•					
Z Com- pleted at least 4	sionals years of or High Mana- School gers 1970	71.6	68.4	71.8	63.5	. 50.6		,	J		,	
Z Em- Z Comployed pleted as at Profes-least	sionals or Mana- gers 1970	33.3	28.4	29.4	27.3	20.5		,				
Median Family	Income 1970 \$	12,247	11,292	12,606	11,629	. 9,861					4	
Communities	•	Arlington	Beverly	Norwood	Peabody	Salen	s					

NETROPOLITY, PLANTING PROTECT/NASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-E

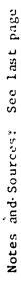
Series #1

•

SMSA which are not served by a Municipal Vocational-Technical School and are not Members of a Regional Vocational-Technical School District Selected Social and Economic Characteristics of Communities in the Boston

ø

		•							
	Median	% Em- ployed as	: = 77	Size of Publc School	% Non- white Public	Comprehensive per Pupil	% Non- Comprehen-Equalized % of white Sive per Valuation Occupies Public Pupil per Schor Housing	% of Occupied Housing	Median Value of Owner
Communities	Family Income	Profes-least sionalsyears	Profes-least 4 sionalsyears of	Enrollment 1974-35	School Cost Enroll- 1972-73	Cost , 1972-73	8	Which is Renter	Occupied Units
	1970 2	or	High	Grades	ment	ᡐ	1974-75	Occupied	1970
	vs	Mana-	School	1-12	1974-75		<i>ነ</i> ጉ	1970	ഗ
44.5		gers 1970	0/61		Grades 1-12				
Brookline	13, 701	44.8	69.1	5,646	13.4	1,767	100,983	73.4	43,500
Dedham	12, 324	26.4	68.7	6,030	. 0,3	833	49,587	21.5	23,500
Dover	22,716	51.6	90.4	555	1.6	1,300	75,621	10.9	50,000
Duxhury	13,523	42.0	83.0	3,064	2.5	1,074	49,627	10.9	30,100
Hingham	14,202	39.9	82.1	5,414	1.6	1,088	40,497	14.3	27,400
Hull 3	779,01	26.9	66.8	2,949	0.4	1,105	30,019	28.4	16,500
Marshfield '	11,742	31.5	75.3	5,754	1.2	985	36,939	14.4	20,700
Milton;	14,728	38.0	78.5	4,122	1.6	1,277	53,831	15.4	30,500
Nahant	12,656	ر 40.6	76.6	564	0.9	1,034	52,397	27.8	24,000
Natick	13,144	32.6	72.7	7,990	2:5	. 947	43,958	21.2	23,100
Needham	16,375	44.2	84.3	7,179	2.2	1,172	59,601	16.3	32,000
				se ² ,					





NETROPOLITAT PLANNING PROJECT/MASSACHUSELLS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-E

Series #1

Ą

SMSA which are not served by a Municipal Vocational-Technical School and Selected Social and Economic Characteristics of Communities in the Boston are not Members of a Regional Vocational-Technical School District

42.

		7 Em-	Z Com-	Size of	Z Non-	Comprehen-Equalized	Equal fred	% of	Median	_
	•	ployed	ployed pleted .	Public			Valuation Occupied	Occupied	Value of	
1	Wed1 an	as	at	School	()	Pupil	per School	Housing	Owner	
Communities	Family	Profes	least 4	Enrollment	School	٠	Attending	Which is	Occupted	
	Iv: ome	sionals	years of	1974-75	Enroll-	Enroll-1972-73	Ch11d	Renter	Intra	
	19 70	or	High		Dent		1974-75	Occupied	1970	
-	ም	Man a-	School		1974-75		\$ 1970	1970	· ·	
		gers	1970		Grades)	› ′	
		1970			1-12					
•										
Репот оке	10,998	25.3	67.3	1,982	ი.ი	806	30,871	10.3	19,000	
Water form	007 11	30 %	- 6	, i	,					
	204.6 77	30.4	6.70	2,403	7.7	1,024	2/1835	32.8	24,500	
Welleslev	19,401	8 87	88	5 677		1 305	- 27	7 0 1	008	
			200	,,,,,,		1,37,3	//0000	10.0	40,000	
Wenham	14,216	45.5	82.4	687	0,6	88	57,824	16.0	31 600	
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PETROPOLITAM PLAMMING PROJECT/MASSACHUSETIS ADVISONY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

· VOCATIONAL-TECHNICAL EDUCATION, STUDY TABLE #1-F

Series #1

Selected Social and Economic Characteristics of Communities in the Springfield Standard Metropolitan Statistical Area (SMSA)

Median Value of Owner Occupied Units '1970	17,900						_		
% of Occupied Housing Which is Renter Occupied	6.04								
Valuation Occupied Value of Per SchoolHousing Owner Attending Which is Occupied Child Renter Units 1974-75 Occupied 1970 \$	31,733	,					-		
Compreher ive per upil	1,251	,				,		_	
% Non- C white s Public F School (Enroll-) ment 1974-75 Grades 1-12	9.1								
ize of ublic chool nrollment 974-75 rades 1-12	99,836								
1 4 1	53.4	٠						•	
Z Em- % Comployed pleted as at Profes-least sionals years or High Mana- School gers 1970	22.2			,					
Median Family Income 1970 \$	10,341	•							
Communities	Springfield SMSA		,						-
<u></u>		 							



NETROPOLITAY PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-G

Series #1

Selected Social and Economic Characteristics of Communities in the Springfield SMSA which are only served by a Municipal Vocational-Technical School

	`						,		
	,	Z Em-	% Com-	Size of	Z Non-	Comprehen-	Z Non- Comprehen-Equalized	Z of	Median
	;	ployed	loyed pleted	Public	white	sive per	Valuation Occupied	Occupied	
•	Median	as	at	School	Public Pupil		per School	Housing	Owner
Communities	Family	Profes-	rofes-least 4	Enrollment	School	School Cost	Attending Which is	Which is	
	Income	sionals	years of	1974-75	Enroll-	1972-73	Child	Renter	
	0/61		High	Grades	ment			Occupied	
	vs	Man a-	School	1-12	1974-75		s	1970	S
-		gers 1970	1970		Grades		•		
Chicopee	9.738	15.2	6.87	6,473	2 5	961	700 00		30, 2.
				2202		100	23,000	43.1	1/1400
Holyoke	9,218	20.6	46.9	8,230	7.4	716	28,662	64.4	18,900
Northampton	10,180	26.0	52.6	4,637	2.0	1,145	43,101	43.0	17.000
Springfleld	9,612	19.7	50.7	28,767	27.1	696	28.910	49.0	15.400
Westfleld	10,614	23.2	58.5	6, 721	5	878	38 355	30.6	10,500
			,		•		25.55	2	2000
	٠								
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NETROPOLITAL PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL, ON VOCATIONAL-TECHNICAL EDUCATION

Selected Social and Economic Characteristics of Communities in the Springfield SMSA which are only Members of a Regional Vocational-Technical School District VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-H

	Median Value of Owner Occupied Units 1970	15,700	16,500		-							•
,	% of Occupied Housing Which is Renter Occupied 1970	21.5	33.2						_			
	Equalized % of Valuation Occupied per SchoolHousing Attending Which is Child Renter 1974-75 Occupied \$ 1970	30,951	31,873	1			,					
	6	876	841	•		137.	4 ú .is.	-				
	% Non- Compreher white sive per Public Pupil School Cost Enroll-1972-73 ment \$ 1974-75 Grades	0.2	7.0		ř							
	Size of Public School Enrollment 1974-75 Grades 1-12	1,448	2,352	- -								
•	Z Em- Z Com- ployed pleted as at Profes-least 4 sionals years of or High Mana- School 1970	44.3	9.44									
	Z Employed as Professionals or Managers	26.3	15.5	÷		,	•				•	
	Median Family Income 1970	10,005	10,203									•
	Communities	uo	er			٠			•	,		
	Co	Monson	Palmer									

See last page Notes and Sources:

METROPOLITAN PLANMING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-I

Series #1

Selected Social and Economic Characteristics of Communities in the Springfield SMSA which are served by a Municipal Vocational-Technical School and are Members of a Regional Vocational-Technical School District

				_	· · · ·						_
Median Value of Owner Occupied Units 1970	† †		,	,		ì		•		4.	,
Z of Occupied Housing Which is Renter Occupied		٠					,	,		٤	
X Non- Comprehen-Equalized X of White sive per Valuation Occupied Public Pupil per SchoolHousing School Cost Attending Which is Enroll-1972-73 Child Renter ment \$ 1974-75 Occupied 1974-75 Grades \$ 1970	į								•		
X Non- Comprehenwhite sive per Public Pupil School Gost Enroll-1972-73 ment \$ 1974-75 Grades		1					,				
X Non- white Public School Enroll- ment 1974-75 Grades		_	,							,	•
Size of Public School Enrollment 1974-75 Grades 1-12				,				•			
Z Em- Z Com- ployed pleted as at ' Profes-least 4 sionalsyears of or High Mana- School gers 1970			٠						÷		
Z Em- ployed as Profes- sionals or Mana- gers		æ		*							
Median Family Income 1970 \$		· ·					٠			•	
Communities	None	,	4	v	•			-		,	
8	Z										

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METROPOLITAL PLANNING PROJECT/NASSACHUSETES ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-J

Series #1

Selected Social and Economic Characteristics of Communities in the Springfield SMSA which are not served by a Municipal Vocational-Technical School and are not Members of a Regional Vocational-Technical School District

					- 1				
•		Z Em-	Com-	Size of	ı	Comp rehen-	Comprehen-Equalized & % of	, %,ot	~
	,	ployed	loyed pleted	Public	white	sive per	Valuation Occupied	Occupied	Value of
	Median	as		School	Public	Pupil	per SchoolHousing	Housing	Owner
Communities	Family	Profes-least	least 4	Enrollment	School Cost	Cost	Attending Which is	Which is	Occupied
	Income	sionalsyears	years of		Enroll-	Enroll-1972-73	Child	Renter	Units
	1970	or	High	Grades	ment	s	1974-75	Occupied	1970
	φ.	Mana-	Schoo1	1-12	1974-75		s	1970	·
-		gers	1970	•	Grades				-
	,	1970			1-12				
				1					•
Agavam	11,203	24.5	8.09	5,346	9.0	816	42,792	31.1	18,300
Recthematon	, 10 5 01	17.1	36 1	2 636	6.0	. 676	35,032	37.6	17,900
Las Ciamp Coll	2222		7.00	2522					
. East Longmead w	12,399	30.3	7.07	3,501	1.7	1,033	46,376	7.7	19,900
		*				,			000
Granby	10,448	26.7	62.4	1,538	0.7	869	29,346	16.0	18,000
Hadlev	11,514	25.1	60.1	639	0.2	1,109	51,203	26.7	22,700
							•		*
Hampden	11,244	30.7	64.7	965	3.2	759	28,748	9.3	19,900
Longmendon	19, 123	52,5	87.3	74.026	2.0	1,206	48.241	4.2	30,860
			7 0 1			- 70			000
rnd I OW	10,916	15.3	48.0	4,190	7.0	/98	31, 72	71.9	1/2000
South Hadley	11,091	25.3	42.9	3,452	0. 5	887	33,814	26.9	19,200
Southwick	10.761	20.0	57.4	1.889	A.1	916	37.677	21.3	16,300
	•				-				
West Springfield	10,993	27.7	61.2	5,319	0.4	973	51,807	40.0	19,300



NETROPOLITAN PLANING PROJECT/NASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION *

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 1-J

Series #1

Selected Social and Economic Characteristics of Commurities in the Springfield SMSA which are not served by a Municipal Vocational-Technical School and are not Members of a Regional Vocational-Technical School District

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		•							
		Z Em-	Z Com-	Size of	Z Non-	Comprehen-Equalized	Equalized	7 of r	Median
	;	ployed	ployed pleted .	Public	white		Valuation Occupied	Occupied	Value of
•	Median	as	at.	School	Pub11c	Public Pupil .	per School	Housing	Owner
Communities	Family	Profes-	least 4	Enrollment			Attending	Which is	Occupied
	In come	sionals	sionalsyears of	1974-75		-73	Child	Renter	Ibits
,	1970	or	High	Grades			1974-75	Occupied	1970
3. 4.	ss		School	1-12	1974-75	-	\$ 1970	1970	8
		gers 1970	1970		Grades	;			
Larren	030 0								
H 44 450	7,968	12.9	43.9	442	0.7	765	28,543	30.5	12,100
Wilbraham	13,462	40.2	76.3	2.470	6	Ø 5 Q	770 St	6 0	76 100
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Notes and Sources: See last page

ERIC Full text Previded by ERIC

Median Family Income, 1970

Source: U.S. Department of Commerce, Bureau of Census, 1970 Census of Population,

General Social and Economic Characteristics, Massachusetts, PC(1) - C23,

Tables 41, 42, 89.

The figure f r the Springfield SMSA was computed using only the portion Notes:

of that area which is located in Massachusetts.

Percent (%) of Persons 16 Years Old and Over in the Labor Force Who Are Employed in a Professional, Technical, Non-farm Managerial or Administrative Capacity, 1970

Source: U.S. Department of Commerce, Bureau of Census, 1970 Census of Population,

General Social and Economic Characteristics, Massachusetts, PC(1) - C23,

Tables 86, 105, 118.

The figure for the Springfield SMSA was computed using only the portion Notes:

of that area which is located in Massachusetts.

Percent (%) of Persons 25 Years of Age and Older Who Have Completed at Least 4 Years of High School, 1970

Source: U.S. Department of Commerce, Bureau of Census, 1970 Census of Population,

General Social and Economic Characteristics, Massachusetts, PC(1) - C23,

Tables 83, 103, 117.

The figure for the Springfield SMSA was computed using only the portion Notes:

of that area which is located in Massachusetts.

Public School Enrollment Grades 1-12, 1974-75

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Racial Census of Public School Students System Summary.

October 1, 1974.

Figures for Bedford, Hamilton, Wenham, and Hamilton-Wenham were computed Notes: by the MPP staff from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

"Table 3: Enrollment by Race", October 1, 1974.

Figures for Cohasset, Longmeadow, Medfield, Norwell, Woburn and the Experimental School System of the Commonwealth of Massachusetts were provided to

the MPP staff by their respective district offices.

The Boston SMSA total includes the seventy-eight community school districts and four regional districts: Dover-Sherborn, Hamilton-Wenham, Lincoln-

Sudbury, and the Experimental School System of Massachusetts.

The Springfield SMSA total includes the twenty community school districts and one regional school district, Hampden-Wilbraham, which are located in the Massachusetts portion of this area.



Percent (2) Non-white Public School Enrollment Grades 1-12, 1974-75

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Racial Census of Publish School Students System Summary, October, 1, 1974.

Notes: Figures for Bedford, Hamilton, Wenham, and Hamilton-Wenham were computed by the MPP staff from the Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report, "Table 3: Enrollment by Race", October 1, 1974.

Figures for Cohasset, Longmeadow, Medfield, Norwell, Woburn, and the Experimental School System of the Commonwealth of Massachusetts were provided to the MPP staff by their respective district offices.

The Boston SMSA total includes the seventy-eight community school districts and four regional districts: Dover-Sherhorn, Hamilton-Wenham, Lincoln-Sudbury, and the Experimental School System of Massachusetts.

The Springfield SMSA total includes the twenty community school districts and one regional school district, Hampden-Wilbraham, which are located in the Massachusetts portion of this area.

Non-white students include: Black, Asian American, Native American, and Spanish Surname (Black) students.

Current Operating Cost Per Pupil in Average Membership for Regular Day and Special Education Programs for the Fiscal Year Ending June 30, 1973

Source: Massachusetts Teachers Association, Per Pupil Cost Year Ending June 30, 1973, Massachusetts, 734-40, March, 1974.

Notes: Figures for the Boston SMSA total was computed by the Research Division of the Massachusetts Teachers Association based on the seventy-eight community school districts and three regional districts: Dover-Sherborn, Hamilton-Wenham, and Lincoln-Sudbury.

Figures for the Springfield SMSA total was computed by the Research Division of the Massachusetts Teachers Association based on the twenty community school districts and one regional school district, Hampden-Wilbraham, which are located in the Massachusetts portion of the area.

Equalized Valuation Per School Attending Child, 1974-75

Source: Massachusetts Teachers Association, <u>Background Data for Massachusetts</u>
<u>School Districts</u>, Massachusetts, 745-9, December, 1974.

Notes: Figures for the Boston SMSA total was computed by the Research Division of the Massachusetts Teachers Association based on the seventy-eight community school districts and three regional districts: Dover-Sherborn, Hamilton-Wenham, and Lincoln-Sudbury.

Figures for the Springfield SMSA total was computed by the Research Division of the Massachusetts Teachers Association based on the twenty community school districts and one regional school district, Hampden-Wilbraham, which are located in the Massachusetts portion of the area.

Figures for Boston, Lynn, Springfield, Sudbury, and Watertown were based on proposed tax rates.

Figure for Woburn was based on the 1973 tax data.



Percent (%) of Occupied Housing Which is Renter Occupied, 1970

Source: U.S. Department of Commerce, Bureau of Census, 1970 Census of Housing, General Housing Characteristics, Massachusetts, HC(1) - A23, Tables 8, 18, 23.

Notes: The figure for the Springfield SMSA was computed using only the portion of that area which is located in Massachusetts.

Median Value of Owner Occupied Units, 1970 .

Source: U.S. Department of Commerce, Bureau of Census, 1970 Census of Housing, General Housing Characteristics, Massachusetts, HC(1) - A23, Tables 1, 24.

Notes: The figure for the Springfield SMSA was computed for that total area including Somers, Connecticut.

Value is not ascertained for owner-occupied and vacant, available for sale units, which are in multi-unit structures, trailers, rural units on farms or places of ten or more acres, or on properties any part of which is used as a business.



METROPOLITAY PLANNING PROJECT/NASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #2-A

Series #2

Boston Metropolitan Area Municipal Vocational-Technical School Enrollment by Race Characteristics: 1974-75

				Whi	White	Span.Surname	irn ame	Non-white	ite	N.	Non-white	9
	School District	School	Total							Native		Asian
		, , , , , , , , , , , , , , , , , , ,		#	%	*	*	*	~	Amer.	Black	Arrer.
		Arlington Vocational-	•				, 1	·			l	
	Arlington	Technical High School	470	456	97.0	œ	1.7	9	1.3	2	7	2
	•	Claude M. Fatten	,									
	Beverly	Vocational High School	297	297	100	0	0	0	0	0	0	0
	,	Boston Trade										
	Boston	High School	445	122	27.4	51	11.5	272	61.1	0	272	0
***		Boston Technical										
	Boston	High School	1,789	1,189	66.5	12	0.7	588	32.9	Ó	463	125
54	Boston	Trade High for Girls				POST SE	SECONDARY	ONLY		•		
2	Cambridge	Rindge Technical School	009 ·	416	69.3		3.2	165	27.5	0	162	m
		Everett Vocational							. 1			
	Everett	High School	263	260	98.9	-	0.4	7	9.0	0	7	0
		Lynn Vocational										
-	Lynn	Junior High School	121	110	90.9	m	2.5	∞	9.9	0	00	0
	ŕ	Lynn Independent Indus-						4				
	Lynn	trial Shoemaking School	43	41	95.3	-4	2.3	-	2.3	0	-	0
		Lynn Vocational-		,								
	Lynn	Technical Institute	1,045	866	95.5	6	6.0	38	3.6	0	38	0
		Medford Vocational-)									
_	Medford	Technical High School	391	387,	0.66	-	0.3	က	8.0	0	-	7
	3	Newton Technical		*								
`		High School				NO DATA	A AVAILABLE	ABLE		-		
		Peabody Vocational										
	Peabody	High School	360	359	99.7	0	0	-	0.3	0	H	0
		Henry O. Peabody										
	Norwood	School for Girls	192	190	98.9	0	0	7	1.0	0	0	7
	Quincy	Quincy Vocational- Technical High School	1.033	1.032	6.66	-	0.1	0	0	C	o	o
-								•	>	7	,	,



. VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #2-A

Series #2

Boston Metropolitan Area Municipal Vocational-Technical School Enrollment by Race Characteristics: 1974-75

School District	School	Toral	White	t e	Span.Sumame	тапе	Non-white	ite	Nariva	Non-wnite	e Asi an
	School	torat	#	%	#	%	#	%	Amer.	Amer Black Arer.	Arer.
- 1	Salem Vocational High School	149	. 147	98.7	2	1.3	, 0	0	0	0	0
	Somerville Technical Trade High School	316	313	99.1	1	0.3	2	9.0	0	1	-
	Waltham Vocational High School	287	33	95.8	6	3.1	က	1.0	0	ю	0
	Weymouth Vocational- Technical High School	441	437	99.1		0.2	3	0.7	0	2	1
							,		,		
	c										,
		8,242	7,029	85.3	119	1.4	1,094	13.3	2	956	136
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METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #2-B

eries #2

Boston Metropolitan Area Regional Vocational-Technical School Enrollments by Race Characteristics: 1974-75

			Whi	White	Span.Sumame	ırname	Non-white	ite	No	Non-white	ē
School District	School	Total	*	ĸ	***	×	**	*	Native Amer	ative Amer_Black	Asian Amer.
Blue Hills Vocational	Blue Hills Regional	830	931	000	-	,	-	0	,	•	
Minuteman	Minuteman Regional	3	700	22.0	1	1		ò	7	4	7
Vocational-Technical	Vocational-Technical IB	426	423	99.3	0	0	~	0.7	0	2	-
Northeast	Northeast Metropolitan		,								1
Metropolitan Vocational	Regional Vocational HS	1,315	1,249	95.0	61	9.7	'n	0,4	0	7	_
North Shore	North Shore Regional		-								
North Shore Vocational	Vocational School			Ž	NO FULL 1	TIME PR	PROGRAMS			-	
Shawsheen Valley	Shawsheen Valley						-)			
Vocational-Technical	Technical High School	744	738	99.2	7	0	- 4	0.5	2	. <u>-</u>	_
Southeastern	Southeastern Regional					*					
Vocational-Technical	Vocational-Technical HS	1,044	1,016	97.3	12	1.1	. 91	1.5	-	10	ſ
South Middlesex	Joseph P. Keefe	_		*		,					
Vocational-Technical	Technical School	1.046	. 981	93.8	97	7.7	19	1,8		α.	_
South Shore	South Shore Vocational-									2	
Vocational-Technical	Technical High School	353	348	98.6	4	1.1	-	0.3	0	7	0
Tri-County ,	Tri-County Regional								-		
Vocational-Technical	Vocational-Technical IE				NOT Y	YET OPEN	,				- \-
	King Philip Regional										
King Fullip Vocational	Vocational High School	900	909	100.0	0	0	0	0	0	0	0.
										٠	
Total		6,367	6,186	97.2	126	2.0	55	6.0	٠,	07	10
\ 3	-	*			,		-				
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Series #2

VOCATIONAL-TECENICAL EDUCATION STUDY TABLE #2-C

Springfield Metropo..can Area Municipal Vocational-Technical School Enrollment

by Race Characteristics: 1974-75

			White	te	S san.Surname	rn ane	Non-white	ite	ok.	Non-white	a a
School District	School·	Total	, #	%	#	%	#	6	Narive Amer	Black	Asian Amer.
Chicopee	Chicopee Vocational- Technical High School	678	671	99.0	7	9.0	9	0.4	0	Τ	·o
Holyoke	Holyoke Trade High School	291	270	92.8	17	ν. α	7	1.4	c	7	
Northampton-Smith	Smith Vocational & Ag-	459	454	98.9	5	1.1	0	0	0	0	0
Springfield	Springfield High School of Commerce	1,533	810	52.8	139	9.1	5.8%	38.1	Ö	584	0
Springfield	Springfield Technical High School	1,565	1,008	4.49	26	1.7	531	33.9	н	529	1
Springfield	Roger L. Putnam Vocational-Technical HS		1,149	76.0	122	∞	240	15.9	0 *	240	0
Westfield	Westfield Vocational High School	35.5	332	93.5	22	6.2	1	0.3	0	1	0
Total		6,392	4,694	73.4	335	5.2	1,363	21.3	1	1,361	-
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'METROPOLITAN PLANMING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL -TECHNICAL EDUCATION STUDY TABLE #2-D

Series #2

Springfield Mctropolitan Area Regional Vocational-Technical School Enrollments b, Race Characteristics: 1974-75

	, , ,		-												
Asian Amer.	г		-											-	
Black			. 1	,							:			. •	
Native Amer	0		. 0									s.			
	0.5	_	0.5	-											
*	2		2										·		
•	0.3		0.3	,				,							
**			1									м,			
	99.2		99.2												
*	392	٠	392												
Total	395		395												
School .	Pathfi der Regional														
School District	Pathfinder Vocational-Technical		Total	•											
	School Total # 2 # 2 # 2 Amer_Black	School District School Total # 2 # 2 Amer.Black Pathfinder Vocational-Technical Vocational-Technical HS 395 392 99.2 1 0.3 2 0.5 0 1	School District School form of the School form of t	School District School Total # Z # Z # Z Amer.Black Pathfinder Vocational-Technical Vocational-Technical 395 392 99.2 1 0.3 2 0.5 0 1 Total Total 395 392 99.2 1 0.3 2 0.5 0 1	School District School Total # Z # Z # Z Amer.Black Ame	School District School Total # Z # Z # Z Amer.Black Pathfinder Pathfi der Regional 395 392 99.2 1 0.3 2 0.5 0 1 Vocational-Technical Vocational-Technical 395 392 99.2 1 0.3 2 0.5 0 1 Total *	School District School Total # Z # Z # Z Amer_Black Pathfinder Pathfi der Regional 395 392 99.2 1 0.3 2 0.5 0 1 Vocational-Technical Vocational-Technical Wocational-Technical Wocational-Technical	School District School Total #	School District School Total #	School District School Total # Z # Z Amer Black	School District School Total #	School District School Total #	School District School Total #	School District School Total # x # x # x Amer Black Pathfinder Pathfi der Regional 395 392 392 1 0.3 2 0.5 0 1 Vocational-Technical Regional 395 392 39.2 1 0.3 2 0.5 0 1 Total Total 1 0 395 392 39.2 1 0.3 2 0.5 0 1 Total 1 0 3 2 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0	School District School Total # \$ \$ Amer Black Pathfinder Pathfinder Pathfinder Pathfinder 2 0.5 0 1 Vocational-Technical Vocational-Technical 395 392 99.2 1 0.3 2 0.5 0 1 Total *** *** *** *** *** *** 0 1 Total *** *** *** *** *** 0 1 Total *** *** *** *** 0 1 Total *** *** *** *** 0 1 Total *** *** *** *** 0 0 1 Total *** *** *** *** 0 0 1 Total *** *** *** *** 0 0 1 Total *** *** *** <td< td=""></td<>

NOTES AND SOURCES TABLE SERIES #2A - D

Sources: Massachusetts State Department of Education, Division of Research,

Planning and Evaluation, <u>Individual School Report</u>, <u>October 1</u>, <u>1974</u>,

"Table One: Enrollment By Grade" and "Table 3: Enrollment By Race".

Arlington Vocational-Technical High School, Office of the Director Chicopee Vocational-Technical High School, Office of the Director Minuteman Regional Vocational-Technical High School, Office of the Director

Note: Figures for Boston Technical High School are valid as of November 1, 1974.

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #3-A

Series #3

Boston Metropolitan Area Municipal Vocational-Technical School Enrollment by Sex Characteristics; 1975-75

			Ma	Male	Female	lle
School District	School	Total	#	84	#	2
Arlington	Arlington Vocational- Technical High School	470	431	91.7	39	8.3
Beverly		297	296	99.7	1	0.3
Boston	Boston Trade High School	445	442	99.3	3	0.7
Boston	Boston Technical High School	1,789	1.431	80.0	358	20.0
Boston	Trade High for Girls		POST SECONDARY	CONDARY	0	
Camb ridge	Rindge Technical School	009	600	100.0	c	c
Everett	Everett Vocational High School	263	224	85.2	92	14.8
Lynn	Lynn Vocational Junior High School	121	121	100.0	0	0
Lynn	Lynn Independent Industrial Shoemaking School	£ 7	. 29	67.4	14	32.6
Lynn	Lynn Vocational- Technical Institute	1,045	881	84.3	164	15.7
Medtord	Medford Vocational- Technical High School	391	7 . 77	87.2	50	12.8
Newton	Meyton Technical High School		NO DAT	NO DATA AVAILABLE	ABLE	
Peabody	Peabody Vocational High School	360	332	92.2	28	7.8
Norwood	Henry O. Peabody School for Girls	192	43	22.4	149	77.6



NETROPOLÍTAR PLANTING PROJECT/INSSNEAUSTÍS ADVISORY COUNCIL OR VOCATIONAL-TECHNICAL EDUCATION

VOCNTIUMAL-TECHNICAL EDUCATION STUDY TABLE #3-A

Series #3

Boston Metropolitan Area Municipal Vocational-Technical School Enrollment by Sex Characteristics: 1974-75

			Ma	Male	Ferals	13
School District	School `	Total	**	%	#	7.
Ouiner	Quincy Vocational- Technical High School	1,033	810	78.4	223	21.6
Salem	Salem Vocational High School	149	147	98.7	2	1.3
Somerville	Somerville Technical Trade High School		312	98.7	4	1.3
Waitham	Waltham Vocational High School	287	258	6.68	29	10.1
Weymouth	Weymouth Vocational- Technical High School	441	412	93.4	29	6.6
,						
Total		8,242	7,110	86.3	1,132	13.7
		•				
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Notes and Sources: See last page

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NETROPOLITAN PLANTING PROJECT/HASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #3-B

Series #3

Boston Metropolitan Area Regional Vocational-Technical School Enrollments by Sex Characteristics: 1974-75

			M	Male	Female	le
School District	School	Total				
			#.	%	#	*
Bl e Hills Vocational	Blue Hills Regional Technical High School	839	653	77.8	186	22.2
Minuteman Vocational-	Minuteman Regional					
Technical	Vocational-Technical HS	426	.333	78.2	93	21.8
Northeast Metropolitan	Northeast Metropolitan	2,10		,	000	,
	North Chore Bondon	CTC 6 +	1200/	10.0/	300	43.4
North Shore Vocational	Vocational School	I	NO PU	FULL TIME	PROGRAMS	
Shawsheen Valley	Shawsheen Valley Technical					
Vocational-Technical	High School	744	i 566	76.1	178	23.9
Southeastern	Southeastern Regional					
Vocational-Technical	Vocational-Technical HS	1,044	797	76.3	247	23.7
South Middlesex	Joseph P. Keefe	,				
Vocational-Technical	Technical School	1,046	751	71.8	295	28.2
South Shore	South Shore Vocational-		٠			
Vocational-Technical	Technical High School	. 253	353	100.0	0	0
. Tri-County	Tri-County Regional		May way	NA GO	,	
Vocational-Technical	Vocational-Technical HS		NOT IEI OFEN	OFEN		
	King Philip Regional					
King Philip Vocational	Vocational High School	909	232	38.7	368	61.3
Total		6.367	4.692	73.7	73.7 1.675	26.3
		-				

NETROPOLITAL PLANNILIG PROJECT/NASSACIUSETTS ADVISORY COUNCIL on VOCATIONAL-TECNAICAL EDUCATION-

WOCATIONAL-TUCHICAL EDUCATION STUDY INDLE #3-C

Series #3

Springfield Metropolitan Area Municipal Vocational-Technical School Enrollment by Sex Characteristics: 1974-75

	ale	×	15.0	25.4	16.3	76.3	30.3	29.1	0		36.5	-			
	Fenale	#	102	74	75	23.7 1.169	474	440	0	p	63,5 2,334		_		
`	Male	×	85.0	74.6	83.7	23.7	69.7	70.9	100.0		63.5				
7	Ma	#	925	217	384	364	1,091	1,071	355		4,058			A .	
7)	7 7.	Total	678	291	459	1,533	1,565	1,511	355		6,392		-		
	٠	School .	Chicopee Vocational- Technical High School	Holyoke Trade High School	Smith Vocational and Agricultural High School	Springfield High School of Commerce		Roger L. Putnam Vocational-Technical HS	Westfleld Vocational High School						
		School District	Chicopee	Holyoke	Northampton-Smith	Springfield	Springfield	Springfield	Westfleld		Total			•	•

Notes and Sources: See last page

METROPOLITAM PLANTIAG, PROJECT/PASSACHUSETTS ADVISORY COUNCIL ON VOCATIOMAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL, EDUCATION STUDY TABLE #3-D

Series #3

Springfield Metropolitan Area Regional Vocational-Technical School Enrollments by Sex C' iracteristics: 1974-75

lle	7	30.6		30.6		6 15					,		
Female	***	121		. 121						•			
Male	84	69.4		69.4									鬼
Ma	#	274		274				•			-		
	Total	395	*	395					,	,	,	*	
The second secon	School	Pathfinder Regional			,		c						
19	School District	Pathfinder Vocational-Technical		Total						4			

NOTES AND SOURCES TABLE SERIES #3A - D

Sources: Massachusetts State Department of Education, Division of Research,

Planning and Evaluation, Individual School Report, October 1, 1974,

"Table One: Enrollment By Grade" and "Table 3: Enrollment By Race".

Arlington Vocational-Technical High School, Office of the Director Chicopee Vocational-Technical High School, Office of the Director Minuteman Regional Vocational-Technical High School, Office of the Director

Note: Figures for Boston Technical High School are valid as of November 1, 1974.

Findings

The Communities

Communities were determined to be part of the Boston and the Springfield metropolitan areas, based on information provided by the U.S. Bureau of the Census and their Standard Metropolitan Statistical Areas (SMSA). The communities were classified into the following typology:

- Communities which are only members of a regional vocationaltechnical school district;
- 2. Communities which are only served by a municipal vocational technical school;
- 3. Communities which are members of a regional vocationaltechnical school district and are also served by a municipal vocational-technical school;
- 4. Communities which are not served by a municipal vocationaltechnical school and are not members of a regional vocationaltechnical school district.

Each community examined was considered to be part of one and only one of the above categories (see Appendices C and D).

Directory, 1973-74, a List of Massachusetts Vocational Schools, and the List of Regional Schools and their Member Districts, 1974-75, in order to determine the kinds of vocational-technical facilities to which members of an individual community had access. If a facility primarily provided some form of occupational, vocational or technical training and/or if it was funded under Chapter 74 of the General Laws of the Commonwealth of Massachusetts, the facility was considered to be a vocational-technical school for the purposes



of this Study. A regional vocational-technical school was considered to serve a particular metropolitan area if it served at least one community within that area; communities which were members of a regional school district which is not yet operating a school on a full-time basis but is scheduled to commence such operations were considered to have access to such a facility.

If a community is considered to have no access to vocational-technical schools according to this typology (category #4), it does not mean that the students in those school districts have no access to vocational-technical programs. It may mean that the students have access to less extensive course offerings in their comprehensive high schools or to other vocational-technical facilities on a tuitioned out, space available basis. Two independent vocational schools, Lynn Independent Industrial Shoemaking School and Smith Vocational and Agricultural High School, were considered to be municipal vocational-technical facilities for the purposes of this Study.

Boston Metropolitan Area Communities

The Boston metropolitan area is comprised of seventy-eight cities and towns. In 1970, the population of the area was 2,753,700 persons of whom 5.5% were non-white. The total population of the SMSA represented 48.4% of the total population of the State.

Of these seventy-eight communities (see TABLE #1, A-E), forty-eight (62%) of them are communities which are only members of a regional



vocational-technical school district. Ten (13%) of these communities are only served by a municipal vocational-technical school. Fifteen (19%) of these communities are neither members of a regional vocational-technical school district nor are served by a municipal vocational-technical school (Category #4).

Municipal Vocational-Technical Schools

The ten communities which are only served by a municipal vocational-technical school include Boston, the area's central city, and many of the contiguous and most urbanized suburban municipalities. The communities generally had larger populations, lower income, and more rental housing than other communities in the metropolitan area. In fact, of the ten communities, seven had a median family income below the median family income for the entire SMSA, and nine had a median family income below the median family income for the entire SMSA excluding Boston. Further, five of these communities were among the bottom ten median family incomes of Boston SMSA municipalities when they are ranked. Only two of the ten communities had, for 1972-73, per pupil costs above the per pupil cost for the whole SMSA.

Analysis of the SMSA's non-white student population, 1974-75, indicates the extent of its access to vocational-technical schools. Of the 43,583 non-white students (Black, Oriental, American Indian and Spanish Surname [Black])* attending public school grades 1-12 in the SMSA, 37,081 (85.1%) are attending schools in communities

^{*}Massachusetts State Department of Education, Division of Research, Planning and Evaluation category definition.



which only have a municipal vocational-technical school. This is primarily because 74.4% of the total non-white public school population of the SMSA is enrolled in Boston schools. Nonetheless, only 15.3% of the total public school population of the SMSA is enrolled in Boston schools. It should also be noted that many of the non-white students attending either public schools in other SMSA communities through the METCO program or the Experimental School System of the Commonwealth of Massachusetts are residents of the City of Boston.

Regional Vocational-Technical School Districts

In contrast, the forty-eight communities which are only members of a regional vocational-technical school district are, generally, the more affluent Boston suburbs. Of the SMSA communities with the ten highest median family incomes, eight belong to this access category; none belong to the category discussed above. Of these forty-eight communities, only three have a proportion of non-white students greater than one half of the proportion of non-white students in the entire SMSA for 1974-75 (8.9% divided by 2 = 4.45%). In two of these three communities, a majority of the non-white students are attending these schools through the METCO program.*

^{*}Based on a comparison between 1974-75 individual school district enrollments and METCO enrollments as listed in Communities Participating in METCO - 1974-75, Massachusetts State Department of Education, Bureau of Equal Educational Opportunity.



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Springfield Metropolitan Area Communities

The Springfield metropolitan area is comprised of twenty-one cities and towns, twenty of which are located in the State of Massachusetts. In 1970, these twenty communities contained 523,029 people, 4.9% of whom were non-white. The total Massachusetts portion of this SMSA represented 9.2% of the State's total population.

Of these twenty metropolitan area communities (see TABLE #1, F-J), two (10%) of them are communities which are only members of a regional vocational-technical district. Five (25%) of the communities are only served by a municipal vocational-technical school.

No communities are both members of a regional vocational-technical school district and are served by a municipal vocational-technical school. Thirteen (65%) of these communities are neither members of a regional vocational-technical school district nor are served by a municipal vocational-technical school district nor are served by a municipal vocational-technical school (Category #4).

The five communities which are only served by a municipal vocational-technical school contain 58.1% of the area's total student population and 96.4% of the area's mon-white student population (see TABLE #1-F). Another 3,800 public school students attend classes in communities which are members of a regional vocational-technical school district. This leaves 38.1% of the public school student population in 1974-75 in communities which have neither a municipal vocational-technical school nor are members of a regional vocational-technical school district. Again, this may not mean that these students have no access to occupational training programs, but it may mean that these



students have access to less extensive course offerings in their home districts or to other vocational-technical facilities on a tuitioned out, space available basis. Similar to the Boston metropolitan area, the central city, Springfield, accounts for the majority, 85.7% of non-white school attending children. Unlike Boston, the Springfield SMSA does not have a great disparity of socio-economic characteristics between the city and the suburbs. Seventeen of the twenty municipalities had median family incomes between \$9,000 and \$12,000 and only one community had such an income in excess of \$13,500.

The Schools

Current enrollment figures for the vocational-technical schools in the Boston and Springfield metropolitan areas were gathered and developed from Massachusetts State Department of Education's,

Individual School Report, October 1, 1974, forms. These figures appear as proportional distributions of the school's student population according to race and sex characteristics. It should be noted that non-white students include Black, Native American and Asian American. Minority group students include all non-white and all Spanish surname students and are, therefore, a larger proportion of the total student body. In TABLE #1 series, non-white students included Black, Native American, Asain American and some Spanish Surname students. Due to this difference, the minority group student population can be estimated to be between 8.9% (the non-white population) and 11% for Boston SMSA students and between



9.1% (the non-white proportion) and 11% for Springfield SMSA students. This estimate includes all Spanish surname students, not only those Spanish surname students designated as Spanish Surname (Black).

Current Vocational-Technical School Enrollments by Race Characteristics

Of the seventeen municipal vocational-technical schools (see TABLE #2-A) which serve the Boston metropolitan area, only four of them have a proportion of minority group students larger than the proportion of non-white students for the entire SMSA. Two of these four schools serve the City of Boston and one each serve Cambridge and Lynn. None of the eight regional vocational-technical schools (see TABLE #2-B) which serve Boston SMSA communities have a proportion of min. ty group students greater than or equal to the proportion of non-white students for the entire SMSA.

Of the seven vocational-technical schools (see TABLE #2-C and 2-D) which serve communities in the Springfield Metropolitan area, three have a minority group student enrollment greater than the proportion of non-white enrollment for the entire SMSA. All of these schools are municipal facilities of the City of Springfield.

Current Vocational-Technical School Enrollment by Sex Characteristics

Off the seventeen Boston area municipal vocational-technical schools (see TABLE #3-A) for which there was information available, the enrollment patterns showed a disproportionally low percentage of female students. No school had between 41-60% female student enroll-



ment which was the average proportion of female student enrollments of the districts studied

8	of Female Students	# of Schools
	0-10%	9
	11-20%	. 5
	21-30%	1
,	31-40%	1
	41-50%	$\overline{\mathbf{o}}$.
	51-60%	0
	61-70%	0
	71-80%	ĺ
	81-90%	· <u></u>
	91-100%	Ō

Fifteen of the seventeen schools (88%) had 20% or fewer female students. Further, only 13.7% of all students attending Boston area municipal vocational-technical schools were women.

Similarly, there is a disproportionally low percentage of female students in the eight Boston area regional vocational-technical schools (see TABLE #3-B).

% of Female Students	# of Schools
0-10%	1
11-20%	0
21-30%	6
31-40%	0
41-50%	0
51-60%	. 0
61-70%	ĺ
71-80%	Ō
81-90%	Ō
91-100%	0

Only 26.3% of all students attending Boston area regional vocationaltechnical schools are female.

Finally, the eight municipal and regional vocational-technical schools in the Springfield metropolitan area (see TABLE #3-C and 3-D) reflected a disproportionately low percentage of female student enrollment.



% of Female Students			# of Schools
0-10%)	•	, 1
11-20%			2
21-30%			3
31~40%			1
4150%			0
51-60%			. 0
61-70%			0
71-80%		•	1
81-90%			0
91-100%			0

Female students comprise 36.2% of all students attending all Springfield area vocational-technical schools.

Findings about Significant Differences Between the Enrollment of Individual Schools and the Student Population from Which That Body is Drawn

In order to determine whether equal access is available to all sectors of the student population, one must compare the proportional distribution of students within a particular school to a parallel population of students within the area to be serviced. For example, if we want to determine if equal access existed for female students to attend Vocational School X, a comparison is made of the proportion of female students enrolled in Vocational School X to the proportion of female students enrolled in the same grades as Vocational School X in District Y, of which Vocational School X is a part. This represents the body of students which is supposed to be serviced. In essence, the individual school enrollment (see TABLE #4 series, A. 1974-75) is compared to the total enrollment in parallel Enrcllment: grades of all the schools in the districts primarily served (see TABLE #5 series, TOTAL). These population distributions were compared through a computerized test of hypotheses which determined when and in



what direction (higher or lower) significant differences exist.

These tests indicate whether or not minority group students

(including female students) have access to vocational-technical school programs (see Appendices A and B).

Non-white Students

Twelve of the thirty-three schools, 36% of all the Boston and Springfield metropolitan area schools studied, reflect a significant difference between the proportion of non-white students in the student body which they should primarily be serving and the proportion of non-white students whom they actually do serve. Four of these schools have a significantly higher proportion of non-white students than the body of students from which they are drawn (see LIST FIVE). Eight of these schools have a significantly lower proportion of non-white students than the body of students from which they are drawn (see LIST SIX).

In the Boston metropolitan area, seven of the twenty-five vocational-technical schools reflect non-white proportional differences. Schools which have a <u>significantly higher proportion</u> of non-white students primarily serve Boston (Trade High School) and Cambridge (Rindge Technical School). Three of the eight regional vocational-technical schools, as well as Medford Vocational-Technical High School and Boston Technical High School, all have a <u>significantly lower proportion</u> of non-white students than the student body they should be serving.



In the Springfield metropolitan area, five of the eight vocational-technical schools reflect non-white proportional differences. Two of the schools, Springfield High School of Commerce and Springfield Technical High School have a significantly higher proportion of non-white students. Three of the schools, Chicopee Vocational-Technical High School, Holyoke Trade School and Roger L. Putnam High School (Springfield) have a significantly lower proportion of non-white students than the student body they should be serving.

, Spanish Surname Students

Ten schools (30%) of all the Boston and Springfield metropolitan area schools studied, reflect a significant difference between the proportion of Spanish surname students in the student body which should be served and the proportion of Spanish surname students whom they actually do serve. Seven of these schools have a significantly higher proportion of Spanish surname students than the body of students from which they are drawn (see LIST SEVEN). Three of these schools have a significantly lower proportion of Spanish surname students than the body of students from which they are drawn (see LIST SEVEN) are drawn (see LIST EIGHT).

Six of the twenty-five vocational-technical schools in the Boston metropolitan area reflect Spanish surname proportional differences. Four schools have a <u>significantly higher proportion</u> of Spanish surname students than the body of students from which they are drawn; one of these schools is Boston Trade. Two schools have a <u>signi</u>-



ficantly lower proportion of Spanish surname students than the body of students from which they are drawn; they are the Joseph P. Keefe Technical School (which serves Framingham among other municipalities) and Boston Technical High School.

Four of the eight vocational-technical schools in the Springfield metropolitan area reflect Spanish surname proportional differences. Three schools have <u>significantly higher proportions</u> of Spanish surname students; they are Roger L. Putnam Vocational High School (Springfield), Springfield High School of Commerce, and Westfield Vocational High School. Only Springfield Technical High School has a <u>significantly lower proportion</u> of Spanish surname students than the body of students which it should be serving.

Female Students

Each of the thirty-three schools in the Boston and Springfield metropolitan areas examined, reflected significant proportional differences in the population of female students it was serving and the population of students from which they were drawn.

Three schools, 9% of the schools studied, reflected a significantly higher proportion of females attending the school than in the total student population from which that student body was drawn (see LIST NINE). The other thirty schools, 91% of the schools studied, reflected a significantly lower proportion of females attending the school than in the total student population from which that body was drawn (see LIST TEN).



The three schools which have significantly higher proportions of female students than the population from which their student bodies are drawn are Henry O. Peabody School for Girls (Norwood), King Philip Regional Vocational High School, and Springfield High School of Commerce. An examination of the course offerings in these schools indicates why a significantly higher proportion are enrolled.

- Springfield High School of Commerce offers a variety of office occupation courses;
- 2. Henry O. Peabody School for Girls offers the following programs: Culinary Arts (which has more male students enrolled than female students), Fashion Design Fashion Merchandising, Business Education, Cosmetology, Practical Nursing;
- 3. King Philip Regional Vocational High School offers the following programs:

Carpentry	(100% male students)
Machine Shop	(100% male students)
Auto Mechanics	(100% male students
Distributive Education	(51.6% female students)
Home Economics	(100% female students)
Office Occupations	(97% female students)
Plant Maintenance	(100% male students)
Small Engines '	(100% male students)

Schools with significantly lower proportion of female students are sex segregated by program as well (see TABLE #6 series).



THIS SECTION INCLUDES RECOMMENDATIONS BY THE CONSULTANTS.

Next Steps: Further Study

The documented conclusions of this Study state that females, Blacks, Asian Americans, Native Americans and Hispanics do not have equal access to vocational-technical schools in the Boston and Springfield metropolitan areas. The next issue to be investigated relates to the questions of why access is not available and what obstacles exist which allow or cause unequal educational opportunity for these students. As a part of the next phase of this Study, some mechanisms for changing the current situation would also be examined.

Among the factors which should be reviewed in this phase of the Study of minority group student access to vocational-technical school programs are: Legal Barriers: governing laws and regulations; Funding Restrictions: costs and revenues; Geographic Location; Guidance Practices: admissions and recruitment; Quality Program Analysis: exemplary programs and equipment; and Types of Facilities and Current Space Availability.

Legal Barriers: governing laws and regulations

The by-laws of some vocational-technical schools may state that
the school may be sex segregated despite Chapter 622. Moreover,
a regional school district agreement may only allow students who
live in member districts to attend that school

Funding Restrictions: costs and revenues The current manner of reimbursing school districts for vocationaltechnical programs may, in fact, make it unprofitable for urban

school systems to offer such curricula which would appeal to a



variety of minority and female persons.

Geographic Location

The primary question here is whether cost/effective programs involving urban minority group students could be developed, given the current location of most regional schools which are on the periphery of metropolitan areas or whether new schools and programs need to be developed for the central cities.

Guidance Practices: admissions and recruitment

This is a multi-faceted problem area. The issues of who applies and why, and who is accepted and why would have to be scrutinized closely in accordance with criteria for admission. The criteria for admission themselves are a key issue.

Quality Program Analysis: exemplary programs and equipmer:

An examination of the current available information about the quality of existing vocational-technical school programs, their location and an analysis of the feasible form of access to better programs for minority group students are essential parts of this issue. A complementary issue is to examine ways in which these programs could otherwise be provided for minority group students.

Types of Facilities and Current Space Availability

A survey of the current demand for seats and seat availability in vocational-technical high schools ought to be conducted. The issue of what types of new facilities should be developed is a separate study.



The goals of this phase of the study would include:

- 1. To examine the existing means for providing access to vocational-technical education;
- 2. To determine what factors may exist which obstruct minoraty group student access to these services in the Boston and Springfield metropolitan areas;
- 3. To develop methods, mechanisms and strategies for insuring equal provision of vocational-technical education services to minority group students.



SUPPORT DOCUMENTATION

Introduction

It is the purpose of the information in this section of the Study to provide a more detailed perspective of the individual facilities examined. The following information was developed for each school:

Table #4

Selected Characteristics of Individual

Vocational-Technical Schools

Table #5

Current Parallel School Enrollment by
Race and Sex Characteristies, 1974-75,
by the Districts Primarily Served by
Individual Vocational-Technical Schools

Table #6

Individual Program Enrollment by School by Race and Sex Characteristics

APPENDIX A

In order to statistically compare a specific school's population distribution to the distribution of the total population from which that school's population is drawn, a <u>test of hypotheses</u> is used. The results of this test can tell us whether or not there is a significant difference between the specific school population and the total population from which the school population is drawn. The test also can tell us the direction of this difference, that is to say whether there is a greater or lesser percentage of a specific type of student in a specific school as compared to its parallel population. By parallel population, we mean the student enrollment in parallel grades for those districts who are primarily served by a particular vocational-technical school.

While doing a statistical analysis, errors will occur due to unknown factors. It must be decided what level of risk of error we are willing to accept. Two types of error are possible:

Type I: Saying there is a difference when no difference exists.

Type II: Saying there is no difference when a difference does exist.

In determining whether or not any difference existed between a specific school's population distribution and the distribution of population from which the students were drawn, a .05 level of risk or a .95 level of confidence was utilized. By choosing this level of risk, the probability of making a Type II Error was minimized.



In determining the direction in which the difference between the populations existed a .025 level of risk or a .975 level of confidence, was utilized. Again, by choosing this level of risk, the probability of making a Type II Error was minimized. A higher level of confidence was necessary in order to maintain the same minimal level of risk of making a Type II Error because we were primarily concerned with the question of what direction the difference existed.

The "significant difference" determined must be understood as being statistically significant. It is not necessarily the only reflection of the situation since many value issues can be involved. However, the results of these tests serve as a good indicator of where policy changes might need to take place in order to insure the equal access of vocational-technical schools to minority group students.

APPENDIX B

The following six hypotheses were used to test for significant statistical differences between individual school enrollments and the body of students from which those enrollments were drawn.

- 1- Is there a significant difference between the proportion of Non-white student enrollment in a school and the proportion of Non-white students in the body of students from which that enrollment was proportion?
- 2- Is there a significant difference between the proportion of Spanish Surname students enrollment in a school and the proportion of Spanish Surname students in the body of students from which that enrollment was primarily drawn?
- 3- Is there a significant difference between the proportion of female students enrollment in a school and the proportion of female students in the body of students from which that enrollment was primarily drawn?
- 4- Is there a significantly smaller proportion of Non-white students enrollment in a school than the proportion of Non-white students in the body of students from which that enrollment was primarily drawn?
- 5- Is there a significantly smaller proportion of Spanish Surname student enrollment in a school than the proportion of Spatsh Surname students in the body of students from which that enrollment was primarily drawn?
- 6- Is there a significantly smaller proportion of Spanish Surname students enrollment in a school than the proportion of Spanish Surname students in the body of students from which that enrollment was primarily drawn?



APPENDIX C

Community Classification Schema: Boston SMSA

1. Communities in the Boston SMSA which are only members of a Regional Vocational-Technical School District

Ashland, Bedford, Belmont, Braintree, Burlington, Canton, Chelsea, Cohasset, Concord, Danvers, Framingham, Hamilton, Hanover, Holbrook, Lexington, Lincoln, Lynnfield, Malden, Manchester, Marblehead, Medfield, Melrose, Middleton, Millis, Norfolk, North Reading, Norwell, Randolph, Reading, Revere, Rockland, Saugus, Scituate, Sharon, Sherborn, Stoneham, Sudbury, Swampscott, Topsfield, Wakefield, Walpole, Wayland, Weston, Westwood, Wilmington, Winchester, Winthrop, Woburn (48)

 Communities in the Boston SMSA which are only served by a Municipal Vocational-Technical School

Boston, Cambridge, Everett, Lynn, Medford, Newton, Quincy, Somerville, Waltham, Weymouth (10)

 Communities in the Boston SMSA which are served by a Municipal Vocational-Technical School and are Members of a Regional Vocational-Technical School District

Arlington, Beverly, Norwood, Peabody, Salem (5)

4. Communities in the Boston SMSA which are not served by a Municipal Vocational-Technical School and are not members of a Regional Vocational-Technical School District

Brookline, Dedham, Dover, Duxbury, Hingham, Hull, Marshfield, Milton, Nahant, Natick, Needham, Pembroke, Watertown, Wellesley, Wenham (15)



APPENDIX D

Community Classification Schema: Springfield SMSA

1. Communities in the Springfield SMSA which are only members of a Regional Vocational-Technical School District

Ionson, Palmer (2)

2. Communities in the Springfield SMSA which only served by a Municipal Vocational-Technical School

Chicopee, Holyoke, Northampton, Springfield, Westfield (5)

3. Communities in the Springfield SMSA which are served by a Municipal Vocational-Technical School and are members of a Regional Vocational-Technical School District

None (0)

4. Communities in the Springfield SMSA which are not served by a Municipal Vocational-Technical School and are not members of a Regional Vocational-Technical School District

Agawam, Easthampton, East Longmeadow, Granby, Hadley, Hampden, Longmeadow, Ludlow, South Hadley, Southwick, West Springfield, Warren, Wilbraham (13)



APSTRACT

The Metropolitan Planning Project is a collaborative effort of 17 school districts supported by an additional 39 approving school districts within the Boston metropolitan area. Its mandate is to develop a Ten Year Plan for the phased elimination of racial and ethnic isolation in the area's schools through voluntary school district collaboration. The Project is funded by the U. S. Office of Education under the Emergency School Aid Act of 1972.

METRO WAYS '10 UNDERSTANDING: A Plan for the Voluntary Elimination of Racial and Ethnic Isolation in the Schools of the Boston Metropolitan Area is a phased Ten Year Plan which is a result of the process that the Metropolitan Planning Project has undergone during this year of planning. The Project has worked to achieve effective community participation in an effort to design quality learning environment programs for students. As a result of a city and suburban exchange of ideas, the Metropolitan Planning Project has helped to promote the development of over 78 proposals in 32 cities and towns for the design of new, innovative learning environments. With a \$300,000 allocation for pilot programming, 14 pilot projects were funded to test MPP objectives. The projects included students from pre-kindergarten through high-school age. The focus ranged from American history, art, ecology, energy, comparative life styles to Afro-American, Hispanic, Native-American and Chinese-American cultures.

The Project has also compiled extensive data on the educational, demographic, housing, fiscal, socioeconomic, land use and ethnic and racial characteristics of the 78 towns and cities in the greater Boston eropolitan statistical area (SMSA). standard information was developed as a needs analysis and resource invehtory and has been utilized in the development of the recommended educational programs. It provides the basis for program implementation. Ten Year Plan, METRO WAYS TO UNDERSTANDING, is aimed at promoting voluntary collaboration between urban and suburban school districts and includes the involvement of students, parents, teachers, school principals, superintendents, community organizations and others concerned with education.

During the 1974-1975 school year, the Metropolitan Planning Project will pilot some of the policy recommendations developed through this participatory planning process. These recommendations include:

METROPATHWAYS - Quality, innovative educational programs which will be accessible to secondary school students of different socio-economic, racial and ethnic backgrounds within the metropolitan area by utilizing mass transit routes.

METROPAIRWAYS - Parents and school personnel from pairs or triads of city and suburban districts will meet to formulate educational programs of equal benefit to the students. Learning centers will be developed in two or three schools and each will serve as a supplement to the educational quality of each individual school.

METRO ETHNIC HERITAGE RESOURCE CENTERS - These will be coordinated within METROCENTER and will promote the study, compilation, production and distribution of of materials and information related to minorities and ethnic groups of the SMSA. It will also be an action program for the development of other resource centers in the metropolitan area.

METROCENTER FOR COMMUNICATIONS, COUNSELLING, AND RESOURCE DEVELOPMEN' - This center will coordinate the metropolitan educational programs and serve as an information and resource "bank" for students, parents, community groups and educators throughout the metropolitan area who wish to be involved in urban-suburban educational programs and staff development programs aimed at eliminating racial and ethnic isolation of students.

. APPENDIX F

COUNCIL-BACKGROUND

On March 1, 1969, his Excellency Francis W. Sargent, Governor of the Commonwealth of Massachusetts, appointed the first Massachusetts State Advisory Council on Vocational-Technical Education. In compliance with Public Law 90-576 enacted by the Ninetieth Congress of the United States, the Governor issued Executive Order #66 and later Executive Order #79 creating this State agency with the primary responsibilities focused on increasing the quality and quantity of occupational education in Massachusetts.

The first Council assumed its tasks in March, 1969. Its membership, as required by law, was highly representative of the Commonwealth's geographic, ethnic, religious, educational, industrial, political, organized labor, anti-poverty and lay groups. In order to insure continuity of interest and action for the future, one-third of the members were initially appointed for one year, one-third for two years, and one-third for three years. Subsequent appointments are for three years, except for those members appointed to fill vacancies occurring in the Council due to resignation or death.

The Council established its own policies and procedures, hired a staff and developed budget, fiscal and administrative procedures. Standing committees were appointed to concentrate on general areas of continuing concern and ad hoc committees were formed to solve problems or specific interest. Standing committees include the Plan and Evaluation Committees, relating to the two major, functions of the Council, and an Executive Committee authorized under amendments to the By-Laws, March 5, 1974.

The Council, as organized under State Executive Orders #66 and #79, is composed of twenty-four (24) Gubernatorial appointees.

The main activities engaged in by the Council may be summarized as follows:

- Evaluation of vocational education programs, services and activities, and publishing and distributing the results thereof;
- 2. Prepare and submit through the State Board of Education to the U.S. Commissioner of Education and to the National Advisory Council on Vocational Education an annual report, accompanied by such additional comments of the State Board as the State Board deems appropriate, evaluating the effectiveness of vocational education programs, services and activities carried out in the year under review in meeting the program objectives set forth both in the long-



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range plan and the annual plan prepared by the Department of Education. The report also recommends such changes in programs, services and activities as may be warranted by the evaluation; and

3. Hold at least one public meeting at which the public will be allowed to express its views concerning vocational education.

To date six state plans for occupational education have been formulated in consultation with the Council. The Council has compiled and distributed five statewide Annual Reports on occupational education including this report.

In April 1974, the Council designated the Greater Lawrence Regional Vocational-Technical High School in Andover, Massachusetts as its new fiscal agent.

BOSTON METROPOLITAN AREA MUNICIPAL VOCATIONAL-TECHNICAL SCHOOLS

ARLINGTON VOCATIONAL-TECHNICAL HIGH SCHOOL

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL ON VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Arlington Vocational-Technical High School Address: High School Building

City: Arlington 02174

Grade Organization: 9-12

Status: Division in a Comprehensive Municipal High School

Director: Ralph Giologa

A. White Span.Surname Non-white Non-white Male Female Total # % # % Amer. Black Amer. # % # % # % Amer. Black Amer. # % # % # % # % # % # % # % # % # % #	-													_
White Span.Surname Non-white Non-white Male Femal # % # % Amer. Black Amer. # % # 456 97.0 8 1.7 6 1.3 2 2 2 431 91.7 39	Α.					ENROLIME		974-75					•	
# % # % # % Amer. Black Amer. # % # 456 97.0 8 1.7 6 1.3 2 2 431 91.7 39	-	TUM _	te }	Span.Su	ाम वाप्र		ite	N	lon-wh	ite	Mal	 e	Femal	9
# 2, # 2, # 2, # 2, Amer. Black Amer. # 2, # # 456 97.0 8 1.7 6 1.3 2 2 2 431 91.7 39	Total		,	,				Native		Asian				
456 97.0 8 1.7 6 1.3 2 2 2 431 91.7 39		*	%	#	%	#	%	Amer.	Black	Amer.	#	%	#	%
456 97.0 8 1.7 6 1.3 2 2 2 431 91.7 39				•	1	•		. '	- NT					,
	0/4.	456	97.0	x 0	1.7	9	1.3	7	7	7	431	91.7	39	8.3

1973-74			7,7	MI: /4			\$2,599	
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

ı				_	_				· 1		_	1	_
ÿ	% of Total Parallel	Enrollment	16.7				۴						
: 1974- 3			470										
DISTRICT(S) PRIMARILY SERVED: 1974- ;	*	Name			9					+			
			Arlington		•								
ن				<u>Ļ</u>	Z			_]					

1974-75	% of School	Enrollment		. 0	
SPECIAL PROGRAMS: 1974-75	# of	Students	No separate records available	, 0	Not Available
D. SPECIA	AND THE RESIDENCE AND THE PROPERTY OF THE PROP		Free Lunch	METCO	Bilingual
				*	
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Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,

or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical Figh School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated arade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

districts.

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: 'Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or

Springfield metropolitan areas which serves METCO students is

Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Notes:

Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

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METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL_TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Arlington Vocational-Technical High School, Grades 9-12

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	,					100		Native	-	Asian	*		" 2	
	Total	#	%	**	*	**	~	Amer.	Black Amer.	Amer.	#	2	#	7
Arlington	2,725	2,661	97.7	27	٩	37	1.4	0	16	21.	1,341	49.2	1,384	50,8
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Total	2.725	2.661	7,76	27	10	37	7	o	16	21	1,341	49.2	1,384	50.8

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment By Grade". School Report October 1, 1974, Source:

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table 3: Enrollment By Race". School Report October 1, 1974,



NOTES FOR TABLE SERIES, # 5

The information contained in this series of tables represents the total enroliment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution- of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLITAN PLANNING PROJECT/WASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

District(s) Primarily Served: Arlington

Arlington Vocational-Technical High School Name of School:

Grade Organization:

	3	White		Span.Surname	name	Non-white	ite	No	Non-white	e	. Male	-	Fenale	e
Program	Total	#	*	#	74	#	. %	Native Amer. Black	Black	Asian Amer.	#	, ,	*	*
Auto Repair	188	185	98.4	6	1.6	0	0	. 0	0	0	184	97.9	4	2.1
Data Processing	107	901	99.1	_	6.0	0	0	0	, 0	0	7.5	70.1	32	29.9
Electronics	59	54	91.5	- 7	6.8	, 1	1.7	0	ı	0	57	9.96	. 2	3.4
Machine Shon	108	103	95.4	0	0	.5	4.6	2	1	2	107	99.1	À	0.9
Building Trades	00 ا	8	100.0	0	0	0	0	0	0	0	8	100.0	0	0 -
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Total	470	456	97.0	6 0	1.7	9	1.3	2	2	2	164	91.7	39	8.3
					•	•								•

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

CLAUDE H. PATTEN VOCATIONAL HIGH SCHOOL (Beverly)

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Claude H. Patten Vocational High School

Address: 26 Russell'Street

City: Beverly 01915

Grade Organization: 9-12

Status: Municipal Vocational High School

Director: John W. Fitzgerald

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1973-74			7	,	/		\$7.5	419740	
B. FUNDING:	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)	

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•	Z of Total	Enrollment	10.8			•			•		•	•		٠	
: 1974-75		Students	7396	,		4	٠			٠			3		
DISTRICT(S) PRIMARILY SERVED: 1974-75		Name		•	8			٠, ،	•		÷				
2		9,	Beverly			٠ <u>ـ</u>				٠					

D. SPECIA	SPECIAL ABOGRANS:	1974-75
-	. # of	% of School' Enrollment
Free Lunch	No separate record available	ŕ
) OLEH	0 ^	<u>,</u> 0
Bilingual	0	0,

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Indépendent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Réport,

October 1, 1974, "Table One: Enrollment by Grade", and "Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74,

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 4.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures

1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Notes:

Source: Metropolitan Planning Project calculations, April 1975.

The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was stimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational—technical schools and vocational divisions of comprehensive high schools, the total student enrollment of the individual vocational—technical high school was included in the Table #5 figures. In the cases of regional vocational—technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Glaim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage

(%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

.Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director. Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal, to the total number of children in this school whose first

to the total number of children in this school whose first
language is not English and the total number of children in
this school who are limited English-speaking, as defined by
Chapter 71A, Section #2 of the General Laws of the Commonwealth
of Massachusetts. Percentage (%) of School Enrollment was found
by dividing the number of bilingual students by the total school
enrollment.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCILEYN VOCATIONAL-TECHNICAL EDUCATION

. VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Claude H. Patter Vocational High School, Grades 9-12

		White		Span. Surname	n ame	Non-white	nite	No	Non-white	9	Male		Femal	, ie
,	Topic	1 ##	×	#	2	• ***	2	Native Amer.	Black	Asian	***	*	**	٠ ۲
Beverly	2,735	2,710	99.1	8	0.3	17	0.6			5	1,362	49.8	1,373 -	50.2
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	1 7.		·			•			•			•		
Total	2,735	2,710	99.1	80	0.3	17	0.6	3	6	5	1,362	49.8	1,373	50.2
Source: Massac	Massachusetts State Department School Report October 1, 1974,	ate Depar tober 1,		of Education, "Table One: E	tion, l	cation, Division One: Enrollment		of 'Research, By Grade".	Planning		d Evajua	ition,	and Evaluation, Individual	<u>a</u> 1

Massachusetts State Department of Education, Division of Research; Planning and Evaluation, Individual School Report October 1, 1974, "Table 3: Enrollment By Race".

Enrollment By Race"

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NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades, for the school districts primarily served b,
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of stude ... which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

3-74

Individual Program Enrollment by School by Race and Sex Characteristics:

Name of School: Claude H. Patten Vocational High School

District(s) Primarily Served: Bever.

Grade Organization: 9-12

		White	0.	Span.Surnane	nane	Non-:/hite	lite	No	Non-thite	e	Male		Ferale	e.
Program	Total	#	2	#	%	# .		Vacive Amer	Black	Asian Amer.	≒≞	2	*	**
Auto Mechanic	40	07	100.0	0	0	0	0	0	0	0	07	100.0	, 0	0
Carpentry Instruction	5.8	85) ()	,		,	•	,			0.00	9		
Drafting Occupations	7,6	1	100		•		,		, ,	9	, 			= (
Electronic	33	200					9	9	,	9 (5	0.00	2	9
Graphic Arts	777	. 77	D. BIT	ľ	2	0	2	5	9	>	72	100-0	a ·	a
Occupations	43	43	100.0	0	0	0	0	•	•	o	43	100.0	0	
Metalworking Occupations	24	. 24	100.0	0	0 ,	0	,o	C	0	o	24	100.0	C	ۍ ژ
Machine Shop	.53	53,	100.0	0	0	0	•	0	0	' E	5.3	100		G
Woodworking Occupations	37	37	100.0	0	0	0	o	0	0	c	37	100 0	1	i .
	•												>	
9														
•	30													
					,							٠		,
					¥,							,	,	
Total	301	301 -	100.0	0 .	0	0	0	0	0	0	301	100.0	0	0

U.S. Department of Health, Education and Welfare, Office of Crvil Rights, Civil Rights Survey of Area Vocational-Technical Schools, February 28, 1974. Source:



BOSTON TECHNICAL HIGH SCHOOL

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Boston Technical High School

Grade Organization: 9-12

Address: 205 Townsend Street

Status: Municipal Technical High School

City: Dorchester 02121

Director: Henry F.-Mulloy

A.				~	ENROLLMENT: 1974-75	: LN:	1974-75						
1	Whit	e	Span.St	ımame	Span.Surname Non-white	ite	Z	Non-white	te	Male	e	Female	9
Total	*				•		Native		Asian				
	*	~	#	2	#	7	Amer. Black Amer.	Black	Amer.	#	%	*	*
1,789	1,189	66.5	12	12 0.7		588 32.9 0	0	463 125	!	0 08 187 1	0 08	0 06 858	20.0
	*************************************				Į				- 1	10.61	2))	- > : :

112

1973-74		•	7				759 15	1,50
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

ပ	DISTRICT(S) PRIMARILY SERVED: 1974-75	: 1974-75	
	,-		% of Tocal
-		* of	Parallel
	Name		Enrollment
Boston		l	8.1
		9	
			2
		, ,	
		4	
1	ر.		
,			

•		
D. SPECIA	SPECIAL PROGRAMS: 1974-75	1974-75
	Jo #	% of School
	Students	Enrollment
Free Lunch	007	22.4
METCO	Not Applicable	
Bilingual · ·	0 ·	0

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.
Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series 45, the grade organization of Lynn

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under ... Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974..

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Linch

Sources:/

Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement, October 1974.

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

Notes:

daily number of free lunch students by the total school en-

· METCO

Storces: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO -

1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

_Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

ERIC

METROPOLITAN PLANNING PROJECT/MASSACTUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Char cteristics: 1974-75 by the Districts Primarily Served by

Boston Technical High School, Grades 9-12

		-	Thire		Snan Sumano	1 350	Non-white	1 50	S	Non-tabi Fe	١	Male		Ferale	۵
	•				100:100	,		1	Native	7711	Asian			7	
	•	Tctal	#:	7	#	%	4,5	"	Amer.	Amer. Black	Arier.	#	%	#	~
	Boston	22,954	13,480	58.7	1,110	4.8	8,364	36.4	26	7,674	799				
	Boston	22,065		-	d.						, ,	11,897	53.9	10,168	46.1
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	-										۰				
	د Race Total	22,954	13, 480	58.7	1,110	8.4	8,364	36.4	. 26	7.674	664				
	Sex Total	22,065	:							3		11,897	53.9	10,168	1,66.1

(Sex) Boston School Committee, Department of Statistics, December 1, 1974.. Spurce:

Racial Census of Public School Students System Summary, "Racial Census of Public School Students Detail (Race) Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Sheet," November 1, 1974.



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's encollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade. METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75 District(s) Primarily Served: Boston

Name of School: Boston Technical High School

Grade Organization: 9-12, Post-graduates in Printing Cooperative

		White		Span.Surname	name	Non-white	ite.	N6	Non-white	e	Male	_	Ferale	9
Program	Total	**		*	•	#		Native		an	*	,	#	
	1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	*	•	11	*	#	"	Amer. Black		Amer.	#		#	,
Preparatory	1,642	1,074	65.4	00	0.5	260	34.1	0	4.35	125	1,287	78.4	35.5	21.6
Printing Cooperative	147	115	78.2	, 7	2.7	28	19.0	0	, 28¢	0	144	98.0	3	2.0
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to.					t .					4	X.			
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•					·			,						
Total	1,789	1,189 . 66.5	66.5	12	0.7	588	32.9	0	463	125	1,431	80.0	358	20.0

See Attached Sheet See Attached Sheet Source:

NOTES, AND SOURCES - TABLE #6 - Boston Technical High School

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report, November 1974. Boston Public Schoosl, Department of Vocational Education and Industrial Arks, Enrollment Statistics, November 1974. Sources:

Forty-two Printing students are post-graduates. Special series of courses offered include: Mechanical Drawing, Electronics, Pattern Making, Sheet Metal, Metalurgy and Machine Shop BOSTON TRADE HIGH SCHOOL

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VCC4TIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNIÇAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Boston Tradé High School

Address: 550 Parker Street

Grade Organization: 10-12

Status: Municipal Trade High School

City: Roxbury 02120

Director: Richard Viscarello (Acting)

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	ıle	_	_	-
	Female		#	3
		L		,
			٠ <u>٠</u>	442 99.3
ļ	Male	-		- 6
			**	442
i		ue	H.	
	ite	Asian	Ame	, ,
	Non-white		umer. Black Amer.	272
-75	No	ive	E E	
1974		Native	Ame	0
•	e		%	1,1
MENT	whit			9
ENROLLMENT: 1974-75	Span. Surname Non-white		#	272 61,1
EN	e			
	man		%	11.5
	n.Su		#	11
	Spa			5
			ו	4.
	te		•	27.4
	Whi	ı	#	122
		-	_	
		7		
A.		Total		44

123

1973-74			7,7	•			\$1,858	T-3-2-
B. FUNDING:	Primary	Source	of State	Funds	Per Puoil	Operating	Expendi-	tures (\$)

	e			 _	,					
	% of Total Parallel Enrollment	2.6								
: 1974–75	#.of Students	i !	•			4				
C. DISTRICT(S) PRIMARILY SERVED: 1974-75	Name	Boston					•			

•	c	
D. / SPECIA	SPECIAL PROGRAMS:	1974-75
1	Jo #	% of School
	Students	Enrollment
Free Lunch	304	. 289
METCO	Not Applicable	
Biingual	87	10.8

Notes and Sources: See next page

The state of the s

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone Survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

'Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures 1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education program and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of
Research, Planning and Evaluation, Individual School Report,
October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.
Chicopee Vocational-Technical High School.
Minuteman Regional Vocational-Technical High School.

Notes:

This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

technical schools and vocational divisions or comprehensive high schools, the total student enrollment of the individual vocational-technical high school was included in the Table #5 figures. In the cases of regional vocational-technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Ariington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage

(%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or

Springfield metropolitan areas which serves METCO students is

Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

ERIC

METROPOLITAN PLANNING PROJECT/NASSACIUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

*Boston Trade High School, Grades 10-12

	Î	White		Span.Sumame	name 1	Non-white	ite.	No	Non-white	9	Male		Ferale	9
	Total	#	*	#	*	₹.		Native Amer Black		Asian	#	22	#	%
Boston	16,750	10,223	61.0	720	4.3	5,807	×.4	07	5,299	867				
Boston	15,794		2			•	t				8,533	54.0	7,261	46.0
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n,		-											1	
								-						
Race Total	16,750	10,223	61.0	720	4.3	5,807	34.7	10.	5,299	867				
Sex Total	15,794										8,533	54.0	7,261	46.0
1	,	•					,					•		

(Sex) Boston School Committee, Department of Statistics, December 1, 1974. Source:

(Race) Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Racial Census of Public School Students System Summary, "Racial Census of Public School Students Detail Sheet," November 1, 1974.



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Sex and Race Characteristics: 1974-75 Boston Trade High School, Grades 10-12

Programs	Total	White	ı	Black		. Other	1	Male	v	Female	اه.
		#	7	#	%	#	%	#	7	# 3	%
Automotive	57	15	26.3	39	68.4	3	5.3	57	100.0	0	0
Basic Electronics	28	4	14.3	, 19	67.9	2	17.9	28	100.0	0	0
Cabinetmaking	52	4	7.7	45	86.5	B	5.8	, , , , , , , , , , , , , , , , , , ,	100.0	0	0
Carpentry	35	16	45.7	17	/ 48.6	2	5.7	35	100.0	0.	0
Drafting	17	80	47.1	∞	47.1	1	5.9	17	100.0	0	0
Electricity	50	. 23	46.0	21	42.0	9	12.0	20	100.0	0	0
Machine	33	7	12.1	25	75.8	4	12.1	33	100.0	0	, 0
Painting	30	2	6.7	25	83.3	€;	10.0	72	90.0	£ ,	10.01
Plumbing	29	19	65.5	9	20.7	7	13.8	29	100.0	0	0
Printing	32	2	6.3	27	84.4	3	9.4	32	100.0	0	, 0
Sheet Metal	, 14	2	14.3	9	42.9	9	42.9	7 1	100.0	0,	0
Welding	26	1	3.8	77	92.3	1	3.8	26	100.0	0	0
		•						ס		1	
*	403	100	24.8	262	65.0	41	10.2	007	99.3	3	0.7

Boston Public Schools, Department of Vocational Education and Industrial Arts, Racial Breakdown by Shops - Non-Resident and Resident, January 20, 1975. Source:



BOSTON COOPERATIVE EDUCATION PROGRAMS



" METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

WOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Sex and Race Characteristics: 1974-75 Boston Public Schools, Cooperative Programs, Grades 10-13

	,	•										
>							Spanish	3h				
High School	Programs	Total.	White	te	Non-white	nite	Surname	9	Male	9	Female	le
			#	2	*	۶,	4	2	#	7	**	74
Boston Technical,	Printing	147	115	78.2	28	19.0	4	2.7	144	98.0	3	2.0
Brighton	Automotive	259	197	76.1	52	20.1	10	3.9	258	9.66	1	0.4
Charlestown	Electricity	393	382	97.2	5	1.3	6	1.5	393	100.0	0	0,
,	Cabine tmaking											
Dorchester	Finishing Upholstery	249	195	78.3	. 50	20.1	4	1.6	237	95.2	12	4.8
East Beston	Machine Shop	108	106	98.1	0	0	2	1.9	108	100.0	, 0	0
Hyde Park	Machine Shop	117	112	95.7	5	4.3	0	0	117	100.0	0	0
South Boston	Auto Body Sheet Metal	154	151	98.1	3	1.9	0	0	154	100.0	0	0
Jamaica Plain	Animal Science Horticulture Conservation, Landscape, Lab. Animal Care,								^			; &
	٠	118	49	41.5	51	43.2	18	15.3	76	79.7	24	20.3
		(•				• •	•	3	,
Total		1,545	1,307	84.6	194	12.6	77	2.8	1,505	97.4	0,4	2.6

Non-white figures include Black, Native-American and Asian-American students. Note:

Boston Public Schools, Department of Vocational Education and Industrial Arts, Enrollment Statistics, Enrollment Statistics, November 1974. Source:



RINDGE TECHNICAL SCHOOL (Cambridge)



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Rindge Technical School

Grade Organization: 9-12

Address: Broadway at Irving Street

Status: Municipal Technical High School

City: Cambridge 02138

Director: Robert R. Sweeney

¥.	,		-	•	ENROLIMENT:	, `	1974-75		• .		•			8
	Whit	re Fe	Span.Su	таше	Non-wh	┨	Z	Non-white	te	Male	e	Female	e	Prima
Total						/	Native		Astan	9				Sourc
	#	%	#	%	#	`*	Amer.	mer. Black Amer.	Amer.	#	%	*	z	of St
,	,		•								,			Funds
009	416	416 69.3	. 61	32	165	165 27.5	0 162	162	3	009	100.0	0 0 000 000	0	Per 1

135

1973-74			20		-	•	\$2,079	•
B. FUNDING:	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

	DISTRICT(S) PRIMARILY SERVED: 1974-75	: 1974-75		
•	8	jo ₩	% of Total Parallel	
	Name	Students	Enrollment	
Cambridge		596	22.9	
				Ö.
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SPECIAL PROGRAMS: 1974-75	# of % of School, Students Enrollment	.unch 72 12.0	. 0	
p. SPEC	,	Free Lunch	METOO	

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bi reau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project

telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and "Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

E. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of
Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Tota.). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 197%.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational—
technical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational—technical high school was included in the Table #5
figures. In the cases of regional vocational—technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974–75

Free Lunch 🚤

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director. The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School

(%) of School Enrollment was found by dividing the average

are for December 1974. Eligibility is based upon the income

level and number of children in a student's family. Percentage

ERIC

daily number of free lunch students by the total school enrollment.

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL ON VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Rindge Technical School, Grades 9-12

		White	e	Span. Surname	name	Non-white	hite	No	Non-white	e	Male		Female	a
	Toral	#	•	#	•	*		Vacive		Asian	#	•	2	•
	+ 1000	1	•	*	·	*	2	Amer.	Black	Ame r	*	•	*	,
Cambridge	2,601	1,960	75.4	106	4.1	535	20.6	2	967	37	1,344	51.7	1,257	48.3
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				,					1				o	
Total	2,601	1,960	75.4	106	4.1	535	20.6	2	967	37	1,344	51.7	1,257	48.3
10000 N	The state of the s													

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". Source:

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table 3: Enrollment By Race".



NOTES FOR TABLE-SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLIFAN'PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: Rindge Technical High School

District(s) Primarily Served: Cambridge.

Grade Organization: 9-12

		White	te	Span.Surname	mame	Non-white	ite	Non-white	1 Male	Fenale	el
Program	Total	4 b	~	#	, 14	#	~	Native Asian		-	
College Preparatory	104	58	55.8	14	13.5	32	30.8		-		•
Electrical	34	26 .	76.5	3	8.8	5	14:7	NO FURTHER	R DATA AVAILABLE	LH	
Electronics	14	9	42.9	1	7.1	7	50.0			`	
Printing	6	2	55.6	3	33.3	1	11.1		,		
Cabinet Making	15	7	46.7	7	26.7	. 4	26.7			,	
Machine	12	10	83.3	1	8.3	1	8.3				
Auto	25	19	76.0	3	12.0	8	12.0			,	
Architectural Drawing	11	80	72.7	3	27.3	0	0				
Art	2	2	100.0	0	0	0	0				
Sciences	1.	1	100.0	0	0	Ó	0				ļ
,				•						-	
٠		٠									
	,										_
Total	227	142	62.6	32	14.1	53	23.3				

Note: Only eleventh and twelfth grade students concentrate in any one of the listed program areas. Source: Metropolitan Planning Project, Telephone Survey, April 1975.



EVERETT VOCATIONAL HIGH SCHOOL

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOC. TIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Everett Vocational High School

Grade Organization: 9-12

Address: 23 Summer Street

Status: Municipal Vocational High School

City: Everett 02149

Director: Louis Lambert

						•							
Α.				, , , , , , , , , , , , , , , , , , ,	ENROLLMENT: 1974-75	NT: 1	974-75						
	. White	e	Span.St	ırname	an.Surname Non-white	ite	Ň	Non-white	te	Male	e	Female	e
Total							Native		Asian				
	**	z	**-	7	*	Z	Amer. Black Amer.	Black .	Amer.	*	7	4	×
263	260	98.9	-	7.0	2	8.0	0.8	2	0	224	85.2	224 85.2 39	14.8

145

1973-74			2				\$2,575		
B. FUNDING:	Primary	Source	of State	Funds	Per Pupi	Operating	Expend1-	tures (S)	

		L_		<u> </u>			 <u> </u>		_
ß				•	_				
	Z of Total Parallel Enrollment	13.4		•	\$		2		
: 1974-75	of Students								
DISTRICT(S) PRIMARILY SERVED: 1974-75	Name							·	
ပံ		Everett		٠	•				

				 -
1974-75	% of School Enrollment	22.4	. 0	0
SPECIAL PROGRAMS:	≠ of Students	59	0	0
D. SPECIA		Free Lunch	METCO	Bilingual

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.
Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

Arlington Vocational-Technical High School, Office of the Director.

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal' to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY CONTINUO VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STULY TABLE #5

Series 45

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Everett Vocational High School, Grades 9-12

		White		Span.Surname	m ame	Non-white	i te	NO	Non-wh	,	Male		Female	e
8	Total	#	.84	#	7.	#	×	Native Amer.	Blac ,	sian,	#	×	#	2
Everett	1,961	1,930	98.4	4	0.2	27	1.4	0	27	0	1.059	54.0	902	5°97
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t.										,				
Total	1,961	1,930	98.4	7	0.2	27	1.4	0	27	0	1,059	. 54.0	902	46.0
None of the second	Manager de la company de la co	, i										1.		

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment By Grade". School Report October 1, 1974,

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table 3: Enrollment By Race".



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total", figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarity served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent stool grade.



WEINOFULLIAN FLANNING FROJECT/WASSACHUSETTS ADVISORY COUNCIL On VOCATIONAL-TECANICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1973-74

Name of School: Everett Vocational High School

District(s) Primarily Served: Everett

Grade Organization: 9-12

		White		Span. Surname	marre	Non-white	ite	No	Non-white	0)	Male	9	Fenale	Le
Program	Total	**	%	#	%	#.	\$ 2	Native Amer.	Black	Asian Amer.	* #±	%	**	8.7
Automotive	28	28	100.0	0	0	0	0	0		0	28	100.0	0	0
Homemaking, Personal, Home and Family	6	6	100.0	0	0	0	.0	0	0	0	0	0	6	100.0
Filing, Office Machines and														
Clerical Occupations	23	22	95.7	0	0	1	4.3	0	_	c		0	23	100.0
Electrical Occupations	14	14	100.0	. 0	0	.0	0	0	ઠ	0	14	100	c	
Radio and Television	13	13	100.0	0	0	0	0	0	0	0	13	100	c	C
Graphic Arts Occupations	28	27	96.4	1	3.6	0	0	0	0	0	28	100.0	·	6
Metalworking Occupations	26	26	100.0	0	0	0	0	0	0	0	26	100.0	, 0	0
Machine Shop	31	31	100.0	0	0	0	0	0	0	0	31	100.0	, 0	0
Upholstering	6	6	100.0	0	0	0	0	0	0	0	6	100.0	0	0
Woodworking Occupations	46	95	100.0	a	a	o	a	0	O	O	46	100.00	. 0	ď
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,			1											

U.S. Department of Health, Education and Welfare, Office of Civil Rights, Civil Rights Survey of Area Vocational-Technical Schools, February 28, 1974. Source:



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION (STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1973-74

Name of School: Everett Vocational High School

District(s) Primarily Served: Everett

Grade Organization: .9-12

		White		Span.Surnare	nare	Non- hite	ite	No	Non-white	9	Male		Ferale	e
Program	Total	**	*	# \$	68	#	-	Native Amer. Black		Asian Amer.	#	34	#	~5
Trade and Industrial Occu-														
pations, Other (Decorating)	6	6	100.0	0	0		•	•	0	. 0	6	100.0	o	c
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Total	236	234	99.2	1	0,4	1	0.4	0	1	0	204	86.4	32	13.6

U.S. Department of Health, Education and Welfare, Office of Civil Rights, Civil Rights Survey of Area Vocational-Technical Schools, February 28, 1974. Source:



LYNN INDEPENDENT INDUSTRIAL SHOEMAKING SCHOOL



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Lynn Independent Industrial

Shoemaking School

Address: 50 High Street

Grade Organization: 14-18 yrs. (ungraded)
Status: Independent Vocational High School

Director: Benjamin M. Tenaglia, Jr.

City: Lynn 01902

32.6 Female 67.4 Male 29 Asian Amer. 0 Non-white Amer. Black 1974-75 Native Non-white ENROLLYENT: Span.Surname 2.3 95.3 White 41 43 Total

156

1973-74	ch. 74	Not Availe- ble
B. FUNDING: 1973-74 Primary	Source of State Funds	Per Pupil Operating _Expendi- tures (\$)

C. DISTRICT(S) PRIMARILY SERVED: 1974-75	i	-
N ame	# of Students	Z of Total Parallel Enrollment
Lynn		0.8
	•	
		,

D. SPECIA	SPECIAL PROGRAMS:	1974-75
•	# af Students	% of School Enrollment
Free Lunch	11	25.6
от эн	0	0
Bilingual	0 «	0

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u> Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures 1973-74, (print-cut), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. · DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational—
technical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational—technical high school was included in the Table #5
figures. In the cases of regional vocational—technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: -1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston) or

Springfield metropolitan areas which serves METCO students is

Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Nassachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

THE INDICELLANT PERMITS FROJECT/PROSPECTED ADVISORS COUNCIL OR VOCATIONAL TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL ÉDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Lynn Independent Industrial Shoemaking School, 14-18 Yrs. (Ungraded)

	=	White		Span.Surnare	nare	Non-white		NO	n-vhit	e	Male		Fenale	9
	Total	#	%	韩	%	#		Native A. Amer. Black A.	ative Amer. Black	Asian Amer.	#	%	*	£.0
Lynn	4,933	4,628	93.8	7.	1.5	231	4.7	1	216	14	2,511	50.9	2,422	49.1
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				,							4,7			1
		•				,					,	- 3		
Total	4,933	4,628	93.8	74	1.5	231	4.7		216	14	2,511	50.9	2,422	49.1
;		<u> </u>												

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". Source:

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table 3: Enrollment By Race".



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

District(s) Primarily Served: Lynn

Name of School: Lynn Independent Industrial

Shoemaking School Grade Organization: 14-18 yrs. (ungraded)

# % Amer. Black Amer. # % # % # % # % # % # % # # % # # % # # % # # % # # % # # % # # # % # # # % # # # % # # # % # # # # % #	. = -	- Manual - M		White		Span.Surname	m arre	Non-white	hite	uo N	Non-white.	,—	Male	_	Ferale	Je.
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					•			-								6
	Total							-								

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

LYNN VOCATIONAL JUNIOR HIGH SCHOOL

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Lynn Vocational Junior High School

Address: 498 Essex Street

City: Lynn 01902

Grade Organization: 7-9

Status: Municipal Vocational Junior High School

Director: Joseph DiSessa

				ENROLLMENT:		1974-75						
Whice	re	Span.Su	.Surname	Non-white	ite	N	Non-white	te	Male	.	Female	a
*	*	*	8%	#	7	Native Asian	Black	Asian Amer.	#	8~	*	*
										2		
110	6.06	3	2.5	8	6.6	0	∞	0	121	121 100.0	0	0

166

1973-74		_		0/			\$1,155	
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

		L	<u>_L</u>			L	-			
	% of Total Parallel	3.2					,			
1974-75								6	P	
DISTRICT(S) PRIMARILY SERVED: 1974-75	Name	Lynn			•					

						_	
	1974-75	% of School	En rollment		,	0	0
•	SPECIAL PROGRAMS: \ 1974-75	jo #	Students	No separate record	available	0	0
	D. SPECIA			Free Lunch		METCO	Bilingual

Notes and Sources: See next page



NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 19.4, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-1, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of
Research, Planning, and Evaluation, Individual School Report,
October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the
Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is besed upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

Notes:

daily number of free lunch students by the total school enre-11ment.

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual |

Sources: Massachusetts State Department of Education, Division of
Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.



Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Lynn Vocational Junior High School, Grades 7-9.

						•			•					
	,	White		Span.Surname	name	Non-white	ite	No	Non-white	e 1	Male		Female	9
	Tótal '	#	7	#	ĸ	*	Ж	Native Amer. Black		Asian Amer.	#	2	#	,
Lynn	.3,768	3,512	93.2	75	2.0	181	4.8	2		9	1.994	52.9	1.774	47.1
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4									,					
72														
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				•					`					
Total	3,768	3,512	93.2	75	2.0	181	4.8	2	173	9	1,994	52.9	1,774	47.1

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment By Grade". "Table 3: Enrollment By Race". School Leport October 1, 1974, School Report October 1, 1974, Source:

ERIC Full Tox t Provided by ERIC

NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLITAN PLANNING PROJECT/WASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

District(s) Primarily Served: Lynn Name of School: Lynn Vocational Junior High School

Grade Organization: 7-9

		White		Span.Surname	n ane	Non-white	ite	No	Non-white	e	Male	e	Ferale	le
Program	Tota1	**:	%	#4	%	#	%	Kative Amer.	Black	Asian Amer.	#	, ę	#	%
Electrical Shop	26	24	92.3	1	3.8	H	3.8	0	1	0	26	100.0	0	· 0 ·
Sheet Metal Shop	26	23	88.5	0	· 0	3	11.5	0	3	. 0	26	100.0	0	0
Machine Shop	26	24	92.3	1	3.8	1	8.6	.0	1	0	26	100.0	0	0
Carpentry	26	22	9**8	1	3.8	3	11.5	, 0	. 3	0	26	100.0	0	0
Small Engine Repair	1,7	17	100.0	0	0	0	0	0	0	o	17	100	c	c
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						•		٠					A PARTY VARIABLES STATEMENT OF THE STATE	
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	,			_				,					-	
	,					¢								
Total	121	110	91.0	3	2.5	80	9.9	0	∞	0	121	100.0	0	0

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

Note: All figures valid as of October 1974.

LYNN VOCATIONAL-TECHNICAL INSTITUTE

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Lynn Vocational-Technical Institute

Status: Municipal Vocational High School

Grade Organization: 10-13

City: Lynn . 01902

Address: 80 Neptune Blvd.

Director: James A. Pelley

•				•							Ť		
•				_	ENROLLMENT: 19/4-/5	NT	19/4-15						
,	Whit	a	Span.Su	rname	an.Surname Non-white	ite	N	Non-white	te	Male	e	Female	e
Total							Native		Asiam		,		
	#	74	#	7	**	Z	Amer. Black Amer.	Black	Amer.	**	~	#	2
,045	866	95.5	6.0	6.0	38	38 3.6. 0	0	38	0	881	84.3	881 84.3 164 15.7	15.7

1973-74			77 49			,	\$1,739
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expenditures (\$)

				٠.	đ			٠,			
,		% of Total Parallel Enrollment	26.8								
	: 1974-75	# of Parallel Students Enrollment	1,000		,	•	•			٠	
•	DISTRICT(S) PRIMARILY SERVED: 1974-75	•									
	DISTRICT(S)	Name									
176	ပံ		Lynn								!

1974-75 % of School Enrollment	8.9	0	0 *
SPECIAL PROGRAMS: # of Students	63	0	0
D. SPECIAL	Free Lunch	METCO	Bilingual

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, <u>Individual School Report</u>, October 1, 1974, fable 2: Enrollment by Residence'.

Arlington Vocational-Technical High School.

Chicopee 'ational-Technical High School.'

Minuteman Regional Vocational-Technical High School.

Notes: This table classified envolled students by their district of residence. In the case of municipal and independent vocational—technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Fercentage (%) of intal Parallel Enrollment was calculated by disiding the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational—technical schools and vocational divisions of comprehensive high schools, the total student enrollment of the individual vocational—technical high school was included in the Table #5 figures. In the cases of regional vocational—technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical Figh School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIÉS PARTICIPATING IN METCO
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.



VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

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Series #5

Current Parallel School Enrollment by Race and Sex Charucteristics: 1974-75 by the Districts Primarily Served by

Lynn Vocational-Technical Institute, Grades 10-13

Male	alemaj aren	7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	270 25.4 1.1/6 41.6								
Non-white	Native Asian	-						9			
Non-white	2	2 4.6	-	\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.		-	•				170 1, 6
Span. Surname	% #-	53 1.4	_						,		53 1.4
White	*	3,507 94.0	3								3,507 94.0
	Total	3,732			:						 3,732
		Lynn	•			E9				•	Total

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual Massachusetts State Department of Education, Division of Mesearch, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade".. Source:

"Table 3: Enrollment By Race".

NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

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Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75.

Name of School: Lynn Vocational-Technical Institute

Drstrict(s) Primarily Served: Lynn

Grade Organization: 10-13

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Program	Total	*	*	*	9%	*	*	Amer. Black	Amer.	*	, ,	#	%
Auto Body	7.1						3'			71	100.0	0	0
Auto Mechanics	* 75								,	75	100.0	0	0.
Carpentry	86	,				- '	Ŷ	·	1	86	100.0	0	0
Cosmetology	42									0	0	42	100.0
Distributive Education	55	NO FU	FURTHER	DATA AVAILABLE	ILABLE					æ	5.5	52	94.5
Electrical	116				•				,	116	100.0	0	0
Electronics	99								o	99	100.0	0	0
Food Trades	51					4				33	64.7	18	55.3
Graphic Arts	20			,						41	82.0	6	18.0
Machine Drafting	36				,					33	91.7	m	8.3
Machine Shop	112					•				112	100.0	0	0
Metal Fabrication	7.5					-				75	, 100.0	0	0
Painting and Decorating	0+								•	70	100.0	0	0
						-+							

Sourge: Metropolitan Planning Project, Telephone Survey, April 1975. Note: All figures valid as of April 1975.

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METROPOLLING PLANNING PROJECT/NASSACTUSETTS ADVISORY COUNCIL on TOCATIONAL-TECHNICAL EDUCATION

COCATIONAL-TECHNICAL EDUCATION STUDY TALLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

District(s) Primarily Served: Lynn Name of School: Lynn Vocational-Technical Institute

Grade Organization; 10-13

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Program	, rep.	4:	دره	*	ê s	**	Nati	100	Asian	×		7	1
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Source: Metropolitan Planning Project, Telephone Survey, April 1975. All figures valid as of April, 1975.

1005

157

84.4

848

185

MEDFORD VOCATIONAL-TECHNICAL HIGH SCHOOL 1

NETROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Medford Vocational-Tachnical

High School

Address: 489 Winthrop Strest

City: Medford 02155

Grade Organization: 10-13

Status: Municipal Vocational High School

Director: Pasquale Tramontozzi

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А.				1	ENROLLNENT:		1974-75							
	Whi	te	Span.St	Surname	Non-white	ite	N.	ion-whi	ite	Male	. e	Female	le	
Total			٠				Native		Asian			٠		
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187

1973-74			, , ,		•		\$1.769	
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

	,					 		<u>. </u>				. ,
	% of Total Parallel	Enrollment 14.2	•									
: 1974-75		389 .			•							
C. DISTRICT(S) PRIMARILY SERVED: 1974-75	ome N	Medford		4.			3		-		C	•

D. SPECIA	SPECIAL PROGRAMS: 1974-75	1974-75
	# of. Students	% of School Enrollment
Free Lunch	No separate records available	ı,
METCO	0	0
Bilingual	Û	0

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974; as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is liste as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A: ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of

Occupational Education, List of Massachusetts Vocational

Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures

1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades, was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational-technical schools and vocational divisions of comprehensive high schools, the total student enrollment of the individual vocational-technical high school was included in the Table #5 figures. In the cases of regional vocational-technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director. The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keafe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, <u>COMMUNITIES PARTICIPATING IN METCO</u> - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

enrollment.

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth o Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school

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192

METROPOLITAN PLANNING PROJECT/MASSACIUSETTS ADVISORY COUNCIL ON VOCATIONAL-TECHNICAL EDUCATI

WOCATING ALTERNITOR SPUCATION STUDY TABLE #5

Series #5

Current Parallel \$chool Enrollment by Race and Sex Characteristics; 1974-75 by the Districts Primarily Served by

Medford Vocational-Technical High, School, Grades 10-13

		White		Soan. Sur	Surnare 1	Non-ihi	1 52 1	Non	Non-white	· •	Male		3E - 3E	
•	10.01		12		, 5,5	42	8%	Native Amer. Black		Asian Arer	. #	/£	#	÷ ~ ~
Medford	2,737	2,638	96.4	9	0.2	93	3.4	:	92	16	1,303	47.6	1,434	52.4
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Total	2,737	2,638	7.96	9	0.2	93	3.4	1	76	16	1,303	47.6	1,434	52.4

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By, Grade". Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table"3: Enrollment By Race".

NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5. "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOSATAN PLANNING PROJECT/MASSACIUSCITS ADVISORY COUNCIL ON TOCATIONAL-TECTINGCAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TALLE #6

Series #6

Individual, Program Enrollment by School by Ruce and Sex Characteristics: 1974-75

Name of School; Medford Vocational-Technical

District(s) Primarily Served: Medford

Grade Organization: 10-13

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Drafting	. 27	2,7	100.0	0	0	0	0	0	0	0	27	100.0	, 0	0
Electrical	53	.53	100.0	0	0	0	عر	0	0	Ó	53	100.0	0	Ь
Electronics	34*	34	100.0	10	0	0	0	0	ಎ	0	34	100.0	0 '	0
Machine Shop	42	.42	100.0	0	0	0 .	0	0	0	0	42	100.0	• 0	0
Printing	36	35	97.2	1	2.8	0	0	0	0	0,	. 36	100.0	. 0	,
Paint and Decorating	12	12	100.0	0	0	Q	0	0	•0	0	12	100.0	0	0
Sheet Metal	24	24	100.01	0	0	0	0	0	, o	0	24	100.0	" o	0

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

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Cosmetology Distributive

Education

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ote: Ail figures valid as of April 1975.



PEABODY VOCATIONAL HIGH SCHOOL

NETROPOLITAN PLANNING PROJECT/MASSACHUSETTS, ADVISORY COUNCIL ON VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Peabody Vocational High School

Grade Organization: 10-12

Address: Allens Lame

tatus: Municipal Vocational High School

Ciry: Peabody 01960

Director: Richard J. White

Ą.				_	ENROLLMENT: 1974-75	NT:	9-74-75				-		2
	Whit	9	Span. Su	.Surname	Non-white	ite	ž	Non-white	te	Male	a	Female	ابه
Total					-		Native		Asian				
	**	*	***	*	*	×	Amer. Black Amer.	8lack	Amer.	#	74	*	*
-								•					
360	359	99.7	0	0	-	0.3	0	, -	0	332	332 92.2	28 7.8	7.8

								_
1973-74			77.			;	\$1,534	
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (S)

			ام		L	Fr	•	世		Bi	è
				,				 			—
	% of Total Parallel	14.5	,							•	•
: 1974-75											
C. DISTRICT(S) PRIMARILY SERVED: 1974-75		Peabody									

			•	<i>r</i>
1974-75	% of School		0	c,
SPECIAL PROGRAMS:	# of	No separate record available	Έ	* 0
D. SPECIA		Free Lunch	<u>w</u> erco	Bilingual
	·	<u> </u>		

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address; City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocational-technical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn In- i dependent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.,

Sources: Massachusetts State Department of Education, Division of Research, Planzing, and Eyaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures 1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Notes: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau-of Nutrițion Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement, October 1974.

Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

Arlington Vocational-Technical High School, Office of the Director.

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO -

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School wh. has two (2) METCO students.

Bilingual

Notes:

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report, October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

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VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

* Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Peabody Vocational High School, Grades 10-12

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Ferale	*	1.238											* ,		1,238	
	8.4	6.67		•	,		,								6.67	
Male	#	1,234						•							1,234	
e	Asian	5	,				4								5	
Non-white	Black				-	,									14	
N	Native Amer						,			٠					0	
ite	%	0.8			,										0.8	
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	Tcta1	2,472	•	•									٠	,	2,472	-
		Peabody									6	· <		•	Total -	

203

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual Massachusetts State. Department of Education, Division of Research, Planning and Evaluation, Individual School Revort October 1, 1974, "Table 3: Enrollment By Race". School Report October 1, 1974, "Table One: Engollment By Grade".

ERIC

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primaril; served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade:

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL FEDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Charac eristics: 1974-75

Name of School: Peabody Vocational High School

District(s) Primarily Served: Peabody

Grade Organization: 10-12

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Program	Tota1	*	8%	**	%	#	8.	Natrve Amer.	Black	Asian Amer.	#	20	#	.%
Auto Mechanics	51	-15	100.0	0	0	0		0	. 0	0	51	100.0	. 0	٥
Auto Body Repair	53	53	100.0	· 0·	0	Ó	0	0	0,	o,	53	100.0	0	. 0
House and Mill Carpentry	.79	63	98.4	0	0	. 1	1.6	, '-ò	1.	0 .	79	100.0	. 0	0
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Electricity	,69	69	100.0	0	0	0	0	0.	O,	0	69	100.0	. 0	0.
Electronic	32	32	100,0	0	0	0	0	0	0	0.	32	100.0	0	· a
Distributive Education	77	77	100.0	ρ.	0	o,	0	0	. 0	.0	.91	-36.4	.28	63.6
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Source: Metropolitan Planning Project, Telephone Survey, April 1975.

HENRY O. PEABODY SCHOOL FOR GIRLS (Norwood)

"NETROPOLITAN PLANNING PROJECT/MAŠSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Henry O. Peabody School for Girls

* Grade Organization: .11-13

Address: Peabody Road

Status: Mumicipal Vocational High School

City: Norwood 02062

Director: Ruth M. Shea

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	Female		#	,	149	
	e) ·		72		43 22.4 149	
	Male		#	۰	43	
*	te	Asian	Amer.		2	
	Non-white		Black		0	
974-75	z	Native	Amer. Black Amer.		0	
NT: 1	ite /		%		1.0	
ENROLÉMENT: 1974-75	Non-white		#		7	
	mame		. %		0	
•	Span.Surname		#		0	
	e		%		98.9	
· • .	White		#		190	
A.		Total .			192	

B. EUNDING: Primary Source of State Funds Fer Pupil Operating Expendit	1973-74	,	ch. 74		-	\$1,526
	B. FUNDING: 1973-74	Source	of State Funds	Fer Pupil	Operating	Expendi- tures (\$)

ŀ				•
	DISTRICT(S) PRIMARILY SERVED: 1974-75	: 1974–75		
•		, #	% of Total	
	Name	ts	rarallel Enrollment	•
- Norwood		47	3.6	-
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1974-75 % of School	Enrollment	. 0	, ō	0
SPECIAL PROGRAMS:	Students	0.	0	0 .
D. SPECIA		Free Lunch	METCO	Bilingual

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocational-technical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Pable Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.



Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

3. FUNDING: 1973-74

Primary Source of State Funds.

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served

Figures for Boston Technical High. school valid as of November 1, 1974.

% of Total Parallel Enrollment

districts.

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,
October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Henry O. Peabody School for Girls, Grades 11-13

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Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table 3: Enrollment By Race". School Report October 1, 1974, Source:

ERIC

Full Text Provided by ERIC

NOTES' FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

SECRITICS ACHUSEITS ADVISORI COUNCIL ON WOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: Henry O. Peabody School for Girls

District(s) Primarily Served: Norwood

Grade Organization: ,11-13

•		White	, te	Span.Surname	rnare	Non-white	hite	Z	Non-tabile	9	Male		TO TO TO	
Program	Total .	*	~ 	##	%	*		Native	ative Amer Rlack	Asian	, #	,	¤ *	ه الر
Culinary Arts	. 09	09	100.0	0	0	0	0	0	0	0	39	65.0	21	35.0
Fashion Design	22	22	100.0	0	0	0	0	0	.0	0	1	4.5	21	95, 5
Merchandising	9	9	100.0	. 0	0	0	Ö	0	0	0	, T	16.7		83
Education	21	21 ,	100.0	0	0	0	0	,0	0	0	0	,c	۶. ا	
Cosmetology	45	. 43	95.6	0	0	2 /	4.4	0	0	2		2 2	77%	01
Nursing .	34	34	100.0	0	0	0	0	0	0	1	0	C	72	100 0
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Total	188	186	99.0	0-	, o	2	1.1	0	√ Q	2	42	22,3,	146	77.7

Practical Nursing program, post-graduates only. All figures valid as of September 1974. Source: Metropolitan Planning Project, Telephone Survey, April 1975.

QUINCY VOCATIONAL-TECHNICAL HIGH SCHOOL

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series. #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Quincy Vocational-Technical High School

Grade Organization: 9-14

Address: Woodward Avenue

Status: Municipal Vocational High School

City: Quincy 02169

Director: Laurence Babin

B. FU	Prima	Source	of St	Funds	Per P	
	, e		84		21.6	
,	Female		#		223 21.6	
•	61		*		78.4	
	Male		*		810 78.4	
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1974-75	Z	Native	Amer.	,	>	
	ite		84		0	
ENROLLMENT:	Non-white	•	#		0	ŀ
	mame		, %		0:1	
	Span.Su		#	•	1	
	e		%	0 00	99.9	
	White		#		1,032	
А.	_	Total		500	1,035	

1973-74			7%			ż	\$2,232	
B. FUNDING 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

Z	1	۲.

	% of Total Parallel Enrollment	11		T see .	METCO		Biling	
D: 1974-75	. # of Students	912			*	,		
C. DISTRICT(S) PRIMARILY SERVED: 1974-75	Name	Quincy						

1974-75	% of School Enrollment	3.8	0	0.2 &
SPECIAL PROGRAMS:	# of Students	62.	0	2
D. SPECIA		Free Lunch	METCO,	Bilingual

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIFS #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School.

<u>Director 1973-74</u>, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September

1974, as verified by a Metropolitan Planning Project
telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocational-technical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Ih-dependent Industrial Shoemaking School was considered to be 9-12,

A. ENROLLMENT: 1974-75 .

Director.

Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds,

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>Ligt of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures 1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, <u>Individual School Report</u>,

<u>October 1, 1974</u>, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district

of residence. In the case of municipal and independent
vocational-technical schools, the district in which the
school is located was considered to be the only primarily
served district. In the case of regional vocational schools,
all member districts were considered to be primarily served

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

districts.

Source: Matropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational—technical schools and vocational divisions of comprehensive high schools, the total student enrollment of the individual vocational—technical high school was included in the Table #5 figures. In the cases of regional vocational—technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Research, Planning and Evaluation. Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited Fnglish-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

VOCATIONAL-TECHNICAL EDUCATION'STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Quincy Vocational-Technical High School, Grades 9-14

		White		Span. Surname	ame 1	Non-white	Γ	No	n-whit	e	Male		Fenale	. 01
	Tótal	**	, %	#	22	- #		Native A. Amer. Black A.	Black	Asian Amer.	#		#	,3%
Quincý:	5,326	5,307	99, 6	3	0.1	16	0.3	0	_	1.	2,721	51.1	2,605	48.9
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Total	5,326	5,307	9.66	3	0.1	16	0.3	0	5	, 11	2,721	51.1	2,605	48.9
Y														

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". School Report October 1, 1974, "Table, 3: Enrollment By Race".

NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLITAN PLANNING PROJECT/MASSACHUSETT, ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATIAN

VOCATIONAL-TECHNICAL EDUCATION STUBY TABLE #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1973-74

Name of School: Quincy Vocational-Technical
High School
Grade Organization: 9-14

District(s) Primarily Served: Quincy

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Program	Total	₹\$	%	"	%	***	%	Nacy vel	Black	Asian Amer.	≃ ;.		#=	÷ ^
Dental Assisting	20	20	100.0	0	0	0	0	0	0	0_	0	, 0	20	100.0
Dental Laboratory Technology	14	14	100.0	0	0	0	0	0	0	0	5	35.7	6	64.3
Practical Nursing	42	42	100.0) [*] / 0	0	.0	0	0	. 0	0	0	0	42	100.0
Health Aide	47	L7 .	100.0	0	0	0	Ō	0	0	0	, 64	4.3	45	95.7
Operating Room Technician	2i	21	100.0	0	0	0	0	0	· 0	0	3	14.3	18	85.7
Business Data											*,	•		
System Occupa-	19	19	100.001	0	0	0	0	0	0	0	15	78.9	. 7	21.1
Electronic Technology	18	18	100.0	0	0	0 .	0	0	0	C		100.0	0	0
Air Conditioning Installation and	٠.				,	•						<u> </u>		
Repair	17	77	100.0	0	0	· •	0	0	0	0	17	100.0	0	0
Appliance Repair	97	97	100.0	0	0	ĵ.	0	0	0	0	95	100.0	0	0
Body and Fender Repair	30	30	100:0	0	0	0	0	0	0	0	30	100.0	0	0
Auto Mechanic	51	51	100.0	0	0	0	0	0	0	0	51	100.0	0	0
				-										

Source: U.S. Department of Health, Education and Welfare, Office of Civil Rights, Civil Rights Survey of Area Vocational-Technical Schools, February 28, 1974.



Individual Program Enrollment by School by Race and Sex Characteristics: 1973-74

Name of School: Quincy Vocational-Technical

High School Grade Organization: 9-14

District(s) Primarily Served: Quincy,

		White		Span.Surnare	mare	Non-white	hite	2	Non-white	0	Male	-	נבים	ū
Program	Toral	÷		#	9			Vacive		Asian		1		
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Automotive Machine	20	20	100.0	0		0	0	-	>	> '	30		·)
Commerical Art								,			20	TOO. 0	c	c
Occupations	46	46	100.0	0	0.	0	0	Ô	0	0	35	76.1	11	23.9
Carpentry, Mill	5 8	58	100.0	o '	0	o •		 >	>	-	л D	0 001	>	>
Plumbing and		¥					0	Ç	(ļ	0	T00.0	c	c
Pipefitting	99	9.8	98.9	0	0	1	1.0	0	0	_	6	100 0.	>	
Electrical								ľ	í	, -		100.0	c	6
Occupations 1	62	61	98.4	—	1:6	0	 0	0	o -	> 	63	100 0	o" ,	·
Electronic					,	-					40	100.0	ļ	c
Occupations	79	79	100.0	0	0	0	0	0	0	• =	79	100.0	0	 `
Graphic Arts) }							۵	,					- 1
Occupations	37	37	100.0	0	0	0	0	0	<u> </u>	o ===	24	64_9	u u	35
Metalworking										==			į	<u>/</u>
Occupations, Sheet	•							_		==				
								en en en en		.				
and Foundry	99	99	100.0	0	0	0	0	0	0	o 	99	100 0	>	 > ~
Machine Shop	24	24	100.0	0	0	0	0	 -)) 	37	100 0	o	>
Refrigeration	17	17	100 0	·	>	D	>	>	>	>				
Woodworking					,		-			-	7/	TOO. 0		
Occupations	66	66	100.0	0	0	, ,	0	0	0	0	66	100.0	o,	0
Food Preparation	75 ,	75	100.0	0	0	0,	0	0	0	0	50	66.7	25	
Total	1007	1005	99.8	Н	0.1	H	0.1	0	0	-	820	81 4	187	186
Source: U.S. Der	Department of Health.	of Hoslt!	The state of					:						-

cource: U.S. Department of Health, Education and Welfare, Office of Civil Rights, Civil Rights Survey of Area Vocational-Technical Schools, February 28, 1974.

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SALEM VOCATIONAL HIGH SCHOOL

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL ON VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4:

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Salem Vocational High School

Grade Organization; 10-12

Address: 29 Highland Avenue

Status: Municipal Vocational High School

City: Salem 01970

Director: Joseph A. Zagrobski

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	Span. Surname Nor
<u> </u>	<u> </u>
1.3 0	2 1.3 0

228

1973-74			,	4/ .55			21 547	140644	
B. FUNDING:	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)	

١.				ــيا					<u>,</u>
	% of Total Parallel Enrollment	10,2						S	
: 1974-75	f of Students	145	•		•				
DISTRICT(S) PRIMARILY SERVED: 1974-75	Name	Salem				Ş			

	lool ent		Þ	
1974-75	% of School Enrollment			3.4
197	K En			
W. S.	# of Students	arate s ble		2
SPECIAL PROGRAMS:	# of Studen	No separate records available	0	•
CIAL		2 4 7		
SPE(unch		gual
		Free Lunch	METCO	Bilingual
Ä		: [24	Σ	Ø.

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocational-technical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization

is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the

Chicopee Vocational-Technical High School, Office of the Director.

'Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures 1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, Wigh School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Perert,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage

(%) of School Enrollment was found by dividing the average

dutly number of free lunch students by the total school enrollments . ,

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, <u>COMMUNITIES PARTICIPATING IN MILES</u> 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newt in Schools.

The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School witch has two (2) METCO

Bilingual

students.

Research, Planning and Evaluation, <u>Individual School, Report</u>,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School,

Notes * The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of smool knrollment was found by dividing the number of bilingual students by the total school searollment.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL ON VOCATIONAL-TECHNICAL EDUCATION

WOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics; 1974-75 by the Districts Primarily Served by

Salem Vocational High School, Grades 10-12

50.6 50.6 . Female 718 718 1 7.67 7.65 * Male 700 200 * Asian Amer. Black Amer. Non-white Ś Native 0 0 0.4 0.4 ŝ × Non-white φ == 9.0 9.0 Span. Surnare ~ C 9 ج: 98.9 98.9 N White 1,403 1,403 1,418 1,418 Ictal Salem Total

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table 3: Enrollment By Race". Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". Source:

NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by .
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.



VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1973-74

Name of School: Salem Vocational High School

District(s) Primarily Served: Salem

Grade Organization: 10-12

Total # Z # Z Arier Black Asian # Z # Z Arier Black Arer # Z # Z # Z # Z # Z # Z # Z # Z # Z #			White		Span.Sumare	mare	Non-thite	hite	ĭ	Non-white	ابه	Maie	ا ،	Ferale	14
15 15 100.0 0 0 0 0 0 0 0 0 0	Program	0	**		, =:	ò	-;	8	Native		Asian	*	6	*	"
15 15 100.0 0 0 0 0 0 0 96.8 1 1 1 1 1 1 1 1 1			=	*	11	2		, ,	imer.	B Lack	Arer.	:-	7	2	,,
15 15 100.0 0 0 0 0 0 0 15 100.0 0 0 15 100.0 0 0 44 43 97.7 1 2.3 0 0 0 0 0 0 44 100.0 0 0 15 100.0 0 0 15 100.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Auto Mechanic	31	30	8.96	ч	3.2	0	0	0	0	0	30	96.8	1	3.2
44 43 97.7 1 2.3 0 0 0 0 0 44 100.0 0 31 31 100.0 0 0 0 0 0 0 0 31 100.0 0 15 15 100.0 0 0 0 0 0 0 0 0 0 0 1	Plumbing and Pipefitting	15	15	100.0	0	С	c	c	c	c	C	75	001		-
31 31 100.0 0 0 0 0 0 0 0 0 0 0 0 15 100.0 0 0 15 100.0 0 0 0 0 0 0 0 0 0 0 15 100.0 0 0 0 0 0 0 0 0 15 100.0 0 0 0 0 0 0 0 0 0 0 15 100.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Electrical Occupations	77	43	97.7		2.3		c	0	0	·	77	0		
15 15 100.0 0 0 0 0 0 0 0 15 100.0 0 \text{\tint{\text{\text{\tint{\tint{\tint{\text{\tint{\text{\text{\text{\tint{\text{\text{\text{\text{\tint{\text{\tilit{\text{\text{\text{\text{\text{\text{\text{\text{\tilit{\texitt{\text{\text{\texict{\text{\text{\text{\text{\text{\texictex{\text{\texi{\texi\texit{\texi\tint{\text{\texitil\texi\texictex{\texitt{\texi{\texi{\texi{\texi{\texicr{\texictex{\texit{\tex{	Electronic Occupations	31	31	100.0	0	2	0	0	0	6	0	31	100.0	0	
	Machine Shop	15	15	100.0	0	0	0	0	. 0	0	0	15	100.0	0	0
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136 137 000 5									,				,		
136 13, 00 5							*,								
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136 13, 000 5 7 1 5															
26. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total /	136	134	98.5	2	1.5	С	C	C	c	c	135	200	-	

Source: U.S. Department of Health, Education and Welfare, Office of Civil Rights, Civil Rights Survey of Area Vocational-Technical Schools, February 28, 1974.

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SOMERVILLE TECHNICAL TRADE HIGH SCHOOL

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Somerville Technical Trade

High School

Address: 33 Cross Street

City: Somerville 02145

Grade Organization: 9-12

Status: Municipal Trade High School

Director: James R. Fiorello

Total # : 2 # Z	ENROLLMENT: 1974-75	INT: 1	974-75						۰,
Total # .% # %	Span. Surname Non-white	itte	Nor	Non-white	9	Male	e	Femal	1e
Z # Z: # .			Native	4	Astan				L.
	2 #	2	Amer. Black Amer.	lack A	mer.	*	7	***	2
316 313 99.1 1 0.3	0.3	9 0			, –	312	312 98 7	7	1 3

1973-74	Ch. 74	\$1,180
B. FUNDING: 1973-74	Source of State Funds	Per Pupil Operating Expenditures (\$)

C. DISTRICT(S) PRIMARILY SERVED: 1974-75	: 1974-75	,		
Name	# of Students	# of Parallel Students Enrollment		
Somerville	306	7.9	L	
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		•	-	Fre
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	ø			H
		7	<u> </u>	
				Bil

D. SPECIA	SPECIAL PROGRAMS:	1974-75
	# of Students	Z of School Enrollment
Free Lunch	133	42.1
METCO	0	0
Bilingual	77	7.6

Notes and Sources: Sec next page



NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project

Atelephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.
Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.
For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlingte Vocational-Technical High School, Office of the

Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of
Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Notes:

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director. The number of free funch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage

(%) of School Enrollment was found by dividing the average

ERIC

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or,

Springfield metropolitan areas which serves METCO students is

Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachuserts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL ON TOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 ·by the Districts Primarily Served by

Somerville Technical Trade High School, Grades 9-12

		White		Span.Surname	name l	Non-white	П	No	Non-white	e	Male		Female	e l
	Total	*	ĸ	#	2	#	2	Native Amer.	Black	Asian Amer.	.#	2	#	72
Somerville '	3,867	3,774	97.6	42	1.1	51	1.3	1	39	11	1,921	49.7	1,946	50.3
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Total	3,867	3,774	97.6	₹	1.1	51	1.3	1	39	11	1,921	49.7	1,946	50.3
	,			•										•

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment By Grade". School Report October 1, 1974, Source:

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table 3: Enrollment By Race". School Report October 1, 1974,



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

A.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1973-74

Name of School: Somerville Technical Trade High School District(s) Primarily Served: Somerville

Grade Organization: 9-12

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•		71111		2			1-	Nativel .		Asian		_		
Program	Total	#	%	#	Х.	#.	%	Amer. Black		Ame r	4 5	%	**	5.0
Auto Mechanic	56	51,	91.1	5	8.9	0	0	0	0	0	56	100.0	0	0
Carpentry, Con-													`	
struction	39	36	92.3	J.	7.7	0	0	0	0	0	39	100.0	0	0
Drafting						•								
Occupations	14	11	78.6	3	21.4	0	0	0	0	0	=	92.9	-	7.1
Electronic													~	
Occupations	54	52	96:3	2	3.7	0	0	0	0	0	54	100.0		3
Radio and													,	,
Television	22	18	81.8	3	13.6	-1	4.5	0	0	-	19	86.4	3	13.6
Graphic Arts						*						_		
Occupations	27	76	96.3		3.7	0	0	0	0	0	27.	100.0	0	0
Metalworking						٠								
Occupations	17	16	94.1	1	5.9	0	0	0	0	0	. 17	100.0	0	0
Machine Shop	35	31	88.6	4	11.4	0	0	0	0	0	35	100.00	0	0
Painting and							-							
Decorating	36.	34	94.4	2	5.6	0	0	0	0	0	36	100.0	0	0
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	= =		-		-	-						-		_
		•					•			*				
·Total	900	975	7 10	2,6	a			-		• -	296	98.7	7	1
	707		1		7					1			ָ 	

U.S. Department of Health, Education and Welfare, Office of Civil Rights, Civil Rights Survey of Area 1974. Vocational-Technical Schools, February 28, Sour :e:



WALTHAM VOCATIONAL HIGH SCHOOL

NETROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Waltham Vocational High School

Grade Organization: 10-13

Address: 100 Summer Street

Status: Municipal Vocational High School

City: Waltham 02154

Director: Ernest Viscarello

4.		:		·	ENROLLMENT: 1974-75	NT:	1974-75						
	Whit	je.	Span.Su	1ame	pan.Suame Non-white	ite	N	Von-white	te	Male	e	Female	e,
Fotal			•				Native		Asian				
	#	%	#	. %	#	%	Amer.	Amer. Black Amer	Amer.	#	%	#	%
				٠	4								
287	275	95.8	6	3.1	m	1.0	0	m	0	258	258 89.9	29 10.1	10

248

1973-74	·		77	*/ :			\$3,097	
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

DISTRICT(S) PRIMARILY SERVED: 1974-75		
٠		% of Total
Name	* or Students	Parallel Enrollment
Waltham		7.6
	•	

1974-75	% of School Enrollment		0	5.2
SPECIAL PROGRAMS: 1974-75	# of Students	No separate record available	0	15
D. SPECIA		Free Lunch	METCO	Bilingual

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational School

September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.
Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.
For purpose of Table Series #5, the grade organization of ynn Independent Industrial Shoemaking School was considered to 9-12.

A. ENROLLMENT: 19/4-75

Directer.

Sources: Massachusetts State Department of Education, Division of
Research, Planning, and Evaluation, Individual School Report,
October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the
Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under ... Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

, % of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage

(%) of School Enrollmer was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, <u>COMMUNITIES PARTICIPATING IN METCO</u> - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

METROPOLITAN PLANNING PROJECT/MASSACIUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATION.AL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Waltham Vocational High School, Grades 10-13

# Z Amer. Black Amer. # Z # Z 31 1.1 1 18 12 1,408 51.3 1,336 48.7			White	.e	Span.Surname	n ame	Non-white	i te	No	Non-white	е . 1	Male		Female	a
ham 2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1,408 51.3 1,336 48.7 2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1,408 51.3 1,336 48.7		Total	#	6	#	8	#		Native	9126	Asian	#	%	#	
1.1 1.8 1.2 1.408 31.3 1.30 48.7 48.7 48.7 48.7 48.7 48.7 48.7 48.7 48.7 48.7 40 1.5 31 1.1 1.8 1.2 1.408 51.3 1.336 48.7 48.7 40 1.5 31 1.1						•		•	Valle 1	חדמרצ	Aulle 1.		;	ł .	
2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1.408 51.3 1.356 48.7	Waltham	2,744	2,673	97.4	07	1:5	31	1:1		18	12	1,408	51.3	ì	48.7
2,744 2,673 97.4 40 1.5 31 1.1 18 12 1.408 51.3 1.336 48.7							,			•		>			
2,744 2,673 97.4 40 1.5 31 1.1 18 12 1.408 51.3 1.336 48.7										,		ç			
2,744 2,673 97.4 40 1.5 31 1.1 18 12 1.408 51.3 1.336 48.7	•						*				·			•	
2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1.408 51.3 1.336 48.7	1														
2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1.408 51.3 1.336 48.7		-													
2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1.408 51.3 1.336 48.7								ı	li .						
							,						,		
2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1.408 51.3 1.336 48.7	,				-							.			
2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1.408 51.3 1.336 48.7														•	
2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1.408 51.3 1.336									-						
2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1.408 51.3 1.336	•				,							-			
2,744 2,673 97.4 40 1.5 31 1.1 1 18 12 1.408 51.3 1.336											-				G-
	Total	2,744	2,673	97.4		1.5	31	1.1	 	18	12	1,408	51		

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". School Report October 1, 1974, "Table 3: Enrollment By Race". Source:



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLIFAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on 'OCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

eries #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: Waltham Vocational High School

District(s) Primarily Served: Waltham

Grade Organization: 10-13

		White		Span.Surname	mame	Non-white	ite	NON	Non-white	e .	Male	e	Ferale	le
Program	Total	#	%	<i>;</i> #	5.5	**	·	Native Amer. Black		Asian Amer.	#	20	#	%
Air Conditioning, Refrigeration											,			
and Heating	18	17	94.4	г	5.6	0	Ö	0	0	0	18	100.0	0	0
Auto Body Repair	35	35	100.0	0	0	6	0	0	0	0	35 °	0,001	0	0
Auto Mechanics	43	. 07	93.0	3	7.0	0	0	0	0	0	43	100.0		0
Carpentry	37	36	97.3	1	2.7	0	0	0	0	0	37	100.0	0	0
Machine Shop	31	30	96.8	1	3.2	0	0	0	0	0	31	100.0	0	0
Printing	29	25	86.2	7	6.9		6.9	· o	2	0	24	82.8	5	17.2
Metal Fabrication and Welding	28	27	96.4	ø	. 0	1	3.6	0	1	0	28	100.0	Q	0
Drafting	∞	∞	100.0	0	0	0	0	0	0	0	&	100.0	0	0
Electronics	30	29	96.7	. 1	3.3	0	0	, 0	0	0	27	90.0	m	10.0
Licensed Practical Nurse	20	20	100.0	0	0	0	0	0	0	0	0	0	20	100.0
														,
		•					,							
Total	279	267	95.7	6	3.2	3	1.1	0	В	0	251	90.0	28	10.0

Note: Licensed Practical Nurse program, post-graduates only. All figures valid as of September 1974. Source: Metropolitan Planning Project, Telephone Survey, April 1975.



WEYMOUTH VOCATIONAL-TECHNICAL HIGH SCHOOL



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

eries #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Weymouth Vocational-Technical High School

Grade Organization: 10-14

Address: 1051 Commercial Street

Status: Municipal Vocational High School

City: Weymouth 02189

Director: John F. Collins

Α.	!				ENROLLMENT: 1974-75	NT: 1	1974-75						
	TYM	re.	Span.Surname	rname	Non-white	ite	N	Non-white	te	Male	e	Female	e
Total							Native		Asian				
	***	%	#	*	#	2	Amer.	Amer. Black Amer.	Amer.	#	% .	*	7
441	437	99.1	1	0.2	3	0.7	0	2	1	412	412 93.4	, 29	9.9

258

1973-74		ch. 74	\$1,621
B. FUNDING:	-Primary Source	of State Funds	Per Pupil Operating Expenditures (\$)

DISTRICT(S) PRIMARILY SIRVED: 1974-75 % of Total F of Parallel Students Enrollment 409 11.5		<u> </u>	Π	1	<u> </u>	<u> </u>	<u> </u>				<u> </u>	
DISTRICT(S) PRIMARILY SHRVED: 1974-75 **Audents** *Audents** *409** **Audents** **Audents**		% of Total Parallel Enrollment	11.5									
	1974-75	_	409									
	DISTRICT(S) PRIMARILY SERVEDS	Name	eymouth							•	,	

D. SPECIA	SPECIAL PROGRAMS:	19/4-/5 7 of School
	Students	Enrollment
Free Lunch	No separate records available	
METCO	0	0
Bilingual	, 0	0

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Pèabody School for Girls, whose grade organization

is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn In-

dependent Industrial Shormaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Pegional vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

tes: The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only Vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total humber of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATIO

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5 .

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-% by the Listricts Primarily Served by

Weymouth Vocational-Technical High School, Grades 10-14

		White		Span.Surname	rn ame	Non-white	nite	No	Non-white	e	Male		Fenale	e
	Total	#	7	#	%	#	2	Native Amer.	Black	Asian Amer.	#	22	#	7,
Weymouth	3,556	3,533	99.4	9	0.2	17	0.5	1	11	5	1,772	49.8	1,784	50.2
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			,		,								-	
Total	3,556	3,533	99.4	9	6.2	17	0.5	1	11	. 5	1,772	49.8	1,784	50.2
Merchanik Market		ŝ												1

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table 3: Enfollment By Race". Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". Source:



NOTES FOR TABLE SERIES # 5

The information dontained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: Weymouth Vocational-Technical High School

District(s) Primarily Served: Weymouth

Grade Organization: 10-14

		White		Span. Surname	name	Non-white	ite	Non.	Non-white		Male	-	Female	9
Program	Total	#	Z	#	%	#	Z	Native Amer. Black	Asian lack Amer.	an C		, %	#	и
Auto Mechanics	25					,				26		98.2	, 1	1.8
Auto Body and Fender	32									32		100.0	0	0
Electronics	38						,			38		100.0	0	0
Graphic Arts	89,						,			67		98.5	H	1.5
Carpentry	[~] 59	NO	FURTHER	DATA	AVAILABLE	· E		1		65		100.0	0	0
Woodworking, Cabinét Making	37		ú						•	37	-	100.0	0	0
Sheet Metal	58	٠			_				_	85 58		100.0		0
Architectural Technology .	29					•			-	29		100.0	0	0
Building Maintenance	11									11		100.0	0	0
Child Care	27			٠		ţ,	*				0	6	27	100.0
					,					-				
					8.							υ		
											•			
Total	416	413	99.3	1	0.2	2 ′	0.5	0	2	0 387		93.0	29	7.0

Source: Massachusetts State Department of Education, Division of Occupational Education, Bureau of Research Coordinating Unit, For the Year Ending June 30, 1975, Federal Forms, Staff and Enrollments.

Figures valid as of October 15, 1974. Twenty more students are enrolled in various cooperative education programs.



BOSTON METROPOLITAN AREA
REGIONAL VOCATIONAL-TECHNICAL SCHOOLS

BLUE HILLS REGIONAL ; TECHNICAL HIGH SCHOOL



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Blue Hills Regional Technical

High School

Address: 100 Randolph Street

City: Canton 02021

Grade Organization: 9-14-

Status: Regional Vocational-Technical High School

Director: William A. Dwyer

B. FUNDI	Primary	Source	of State	Funds	Per Pup	
		_				
	e		%	0	7.77	
	Female		#	.0.	653 //.8 186 22.2	
	e		%	0 -6-5	2.//	
	Male		#	,	653	
	te	Asian	Amer.	,		
	Non-white		Amer. Black Amer.	•	4	
974-75	Z	Native	Amer.	·		
NT: 1	ite		Z	ó	0.0	
ENROLLMENT: 1974-75	ame Non-white		#	,	,	
	mame		2		1.0	
	Span.Surna		*	_	1	
	ė		%	00	22.0	
	Whi te		**	2	150	
A.		Total		830		

1973-74				٠. /ط			\$2 \$ 00	2006.34
B. FUNDING:	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

DISTRICT(S) PRIMARILY SERVED: 1974-75	1974-75	
•	ä	, of Total
Name ~	₹ or Students	Parallel Enrollment
Avon	57	13.2
Braintree	204	6.5
Canton	107	7.2
Holbrook	76	7.6
Norwood	172	8 9
Randolph	142	5.6
Westwood	51	4.3
	Ť.	
•		

	D. SPECIA	SPECIAL PROGRAMS:	1974–75
		# of Students	% of School Enrollment
·	Free Lunch	. 22	2.5
<u>' </u>	METCO V	0	, 0
	Bilingual	. 0	. 0

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 19/3-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures

1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of
Research, Planning and Evaluation, Individual School Report,
October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.
Chicopee Vocational-Technical High School.
Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational—technical schools and vocational divisions of comprehensive high schools, the total student enrollment of the individual vocational—technical high school was included in the Table #5 figures. In the cases of regional vocational—technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nucrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a stude...t's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school enrollment.

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS AL/ISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VE ATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily, Serve by

Blue Hills Regional Technical High School, Grades 9-14

Avon 375 368 J8.1 C 0 7 Braintree 2,917 2,896 99.3 4 0.1 17 C Canton 1,371 1,362 99.3 1 0.1 8 C Norwood 2,358 2,344 99.4 1 0.04 21 Norwood 2,358 2,344 99.4 1 0.06 47 2 Number to od 1,147 1,131 98.6 0 0 16 U. setional 839 831 99.0 1 0.1 7 C	# 7 17 17 8 8 4 13	% Amer. 1.9 0 0.6 8 0.6 0 2.3 0 0.6 0 1.4 0	Asi Black Ame 4 7 7 15 8	4 1,481 1 ,80 6 402	2,24	#	32
Avon 375 368 38.1 C 0 7 Braintree 2,917 2,896 99.3 4 0.1 17 Canton 1,371 1,362 99.3 1 0.1 8 Holbrook 902 877 97.2 4 0.4 21 Norwood 2,358 2,344 99.4 1 0.04 13 Randolph 2,395 2,334 97.5 14 0.6 47 Westwood 1,147 1,131 98.6 0 0 16 Blue Hills 839 831 99.0 1 0.1 7	17 8 8 21 13				47.5		•
Braintree 2,917 2,896 99.3 4 0.1 17 Canton 1,371 1,362 99.3 1 0.1 8 Holbrook 902 877 97.2 4 0.4 21 Norwood 2,358 2,344 99.4 1 0.04 13 Randolph 2,395 2,334 97.5 14 0.6 47 Westwood 1,147 1,131 98.6 0 0 16 Blue Hills 839 831 99.0 1 0.1 7 Vu.: stional 839 831 99.0 1 0.1 7	17 8 8 21 13					197	52.5
Canton 1,371 1,362 99.3 1 0.1 8 Holbrook 902 877 97.2 4 0.4 21 Norwood 2,358 2,344 99.4 1 0.04 13 Randolph 2,395 2,334 97.5 14 0.6 47 Westwood 1,147 1,131 98.6 0 0 16 Blue Hills 839 -831 99.0 1 0.1 7 Vu.setional 839 -831 99.0 1 0.1 7	21 21				50.8	1,436	49.2
Holbrook 902 877 97.2 4 0.4 21 Norwood 2,358 2,344 99.4 1 0.04 13 Randolph 2,395 2,334 97.5 14 0.6 47 Westwood 1,147 1,131 98.6 0 0 16 Blue Hills 839 -831 99.0 1 0.1 7 Vulletional 839 -831 99.0 1 0.1 7	21			· 	49.6	691	50.4
Norwood 2,358 2,344 99.4 1 0.04 13 Randolph 2,395 2,334 97.5 14 0.6 47 Westwood 1,147 1,131 98.6 0 0 16 Blue Hills 839 831 99.0 1 0.1 7 Vulsational 839 831 99.0 1 0.1 7	13				44.6	200	55.4
Randolph 2,395 2,334 97.5 14 0.6 47 Westwood 1,147 1,131 98.6 0 0 16 Blue Hills 839 -831 99.0 1 0.1 7 Vulgational 839 -831 99.0 1 0.1 7		0 4		5 1,145	48.6	1,213	51.4
Westwood 1,147 1,131 98.6 0 0 16 Blue Hills Voistional 839 831 99.0 1 0.1 7	6 47	7	42 4	4 1,198	50.0	1,197	50.0
Blue Hills 839 831 99.0 1 0.1 7 Voistional 839 831 99.0 1 0.1 7	16	<u>-</u>	13	3 557	48.6	290	51.4
	1 7	0.8	4 1	1 653	77.8	186	22.2
				-			
				٠	,		
Total : 12,304 12,143 98.7 25 0.2 136	136	1.1 11	98 2	27 6,294	51.2	6,010	48.8

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment By Grade". School Report October 1, 1974,

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table 1: Enrollment By Race".

NOTES FOR TABLE SERIES # 5

The information contained in this scries of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an indiv.dual .chool's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.



9: JEAN RULL WOLLTDUCK A STUDIE ANNOUNCED IN

series #6

Individual Program Enrollment by Sendel by Race and Sex Whoracteristics; 1974-75

אַם אַר אַניסיסן: Blue Hills Vocational-Technical High School *

. High School * Grade Organization: 9-14

District(s) Primarily Served: Avon, Braintree, Canton, Holbrook Norwell Randol

Avon, Braintree, Canton, Holbrook, Norwoc, Randolph, Westwood

,		573: 10		Spin.Sur	Sumare	14:1-1:4;	1 65	8:	Nor-Thite	q.	1.45.7		Fe-ale	υ
Program	18265	÷	\$ 5	72	; ,	774	%	Autive America	B130%	As Amer.		,	T.	67
Auto Body	50	50	100.0	0	0	0	0 /	0	0	0	50	100.0	0	0
Auto Repair	76	75	98.7	П	1.3	0	0	0	0	0	75	98.7	1	1.3
Metal Fabrications	57	57	100.0	0	0	0	Ω 0	0	O,	0	57	100.0	0)
Machine Shop	67	67	100.0	0	0	0	0	0	0	0	47	95.9	2	4.1
Graphic Arts	09	58	96.7	0	0	2	3.3	0	, 2	0	48	80.0	12	20.0
Structural Woodworking	97	96	0.66	0	0	1	1.0	0	1	0	. 26	100.0	0	0
Electronics	39	39	100.0	0	0	0	0	0	ن	0	39	100.0	0	0
Electricity	71	7.1	100.0	0	0.	0	0	0	0	.0	71	100.0	0	0
Machine Drafting	41	39	95.1	0	0	2	4.9	0	1	1	39	95.1	. 2	6.9
Health Services Assistant	9	65	100,0	0	0	0	. 0	0	0	0	0	0	,	100.0
Advertising Art and Design	39	39.	100.0	0	0	0	0	0	0	0	10	25.6	29	74.4
Civil Structural Technology	30	30	100.0	0	0	0	0	· 0	0	0	27	90.0	3	10.0
Data Processing	87	8†/	100.0	0	,	0	0	0	0	. 0	23	47.9	25	52.1
		-		·					•					

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

ote: See Attached Sheet

METHON LILLY PLANTING PROTECT/LINGSACTOTIC ADJISORY COCNCIL MY DECIMAL-INCLICAL EDUCATION ...

the same of the sa

Series #6

Districted Proving Sprilledt by South Syran, and Sew Chermothess 1974-75

National - Jet School: Blue Hills Vocational-Technical High School Grade Organizativa 9-14

Holbrook, Norwood, Randolph, Avon, Braintree, Canton Westwood Dayeracter Primarily Servet

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onic 26 26 100.0 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Electro- Mechanical		14	1		100.0	Q	0	0	0	0	0	0	14	100.0	0	0
25 25 100.0 0 0 0 0 0 0 0 0 0 0 0 25 10 31 31 100.0 0 0 0 0 0 0 0 0 0 0 25 10 31 31 100.0 0 0 0 0 0 0 0 0 0 0 0 25 10 4 1 653 77.8 186 2	lectronic echnology	77.2	26			100.0	6	0	0	0	0	0	! !		100.0		0
25 25 100.0 0 0 0 0 0 0 25 100 31 31 100.0 0 0 0 0 0 0 25 10 4 1 653 77.8 186 2	edical Lab ssistent	====	21	2		100.0	0	. 0	0	0.	0	0	0	ċ	0	21	100.0
31 31 100.0 0 0 0 0 0 96.8 1	Dental Assistant		25			100.0	0	0	0	0		0	0	,	0	25	100.0
839 833 99.3 1 0.1 5 0.6 0 4 1 653 77.8 186	lectro	- 12771	31			100.00	0	0	0	0	С	0	0	30	96.8	1	3.2
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839 833 99.3 1 0.1 5 0.6 0 4 1 653 77.8 186	-					- •											- 22-
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839 833 99.3 1 0.1 5 0.6 0 4 1 653 77.8 186		-		-											41.00		
839 833 99.3 1 0.1 5 0.6 0 4 1 653 77.8 186	·	-7- F															
839 833 99.3 1 0.1 5 0.6 0 4 1 653 77.8 186							4									ς	
839 833 99.3 1 0.1 5 0.6 0 4 1 653 77.8 186												4,	Q		e: - • • î		
			39	83		99.3	-	0.1	5	0.0		7		653	177.8	186	, 22.2

strin: Metropolitan Planning Project, Telephone Survey, April 1975.

Note: See Attached Sheet

NOTES - TABLE #3 - Blue Hills Vocational-Technical High School

Electronic Technology, Medical Lab Assistant and Dental Assistant, post-graduates only. Electro, Advertising, Art and Design, Civil Structural Technology, Data Processing, Electro-Mechanical, White figures include Native American students. All figures valid as of ninth graders only. October 1974. Notes:

MINUTEMAN REGIONAL VOCATIONAL-TECHNICAL HIGH SCHOOL

METRGPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Minuteman Regional Vocational-Technical School

Grade Organization: 9 (presently) 9-12 (September 1977)

Status: Regional Vocational-Technical High School

City: Lexington 02173

Address: 750 Marrett Street

Director: Samuel H. Sains

							•	5					
ئىد	٥		-	·	ENROLLMENT: 1974-75	NT:	1974-75						
	White		Span.Surname	mame	Non-white	ite	Z	Non-white	te	Male	9	Female	e
rotal .						3	Native		Asian			,	
 	#	%	4 £	%	#	%	Amer.	Amer. Biack Amer.	Amer.	#	%	#	%
,									:				;
426	423	99.3	0	0	ო	0.7	0	7	1	333	78.2 93	-	21.8

1973-74			7,		On on ord	Sent	1974	
B. FUNDING:	Frimary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

281	DISTRICT(S) PRIMARILY SERVE	Name	Acton, Boxborough	Arlingtča	Belmont	Concerd -Carlisle	Lexington	Lincoln - Sudbury	Stow	Wayland	Weston		
			ď	Ę	Ř	Č	Ľ	L	S	M	X		١

En rollment 10.5

Students

95 9 S

1974-75

Parallel

1974-75 % of School Enrollment	2.6	0	0
SPECIAL PROGRAMS: 1974-75 # of % of Schidents Enroll	11	0	0
D. SPECIA	Free Lunch	METCO	Bilingual
		<u> </u>	

10.4

78

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School

<u>Director 1973-74</u>, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, <u>List of Massachusetts Vocational Schools</u>, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of
Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of

Occupational Education, <u>List of Massachusetts Vocational</u>

Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures '

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Pegular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Notes:

Source: Y Metropolitan Planning Project calculations, April 1975.

The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students recei ing free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO -

1974-75.

 $\label{lem:arlington} Arlington\ \mbox{Vocational-Technical High School.}$

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, <u>Individual School Report</u>, October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.
Chicopee Vocational-Technical High School, Office of the Director.
Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking; as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Minuteman Regional Vocational-Technical High School, Grade 9

														•
•		White	te	Span.Surname	m ame	Non-white		NO	Non-white	e	Male	3 6	Female	e
•	Total	#	~~	#	%	#	6%	Native Amer.	Black	Asian Amer.	#	%	#	~
Acton- Boxborough	. 453	452	99.8	0	0		0.2	o	-	0	216	.47.7	237	52.3
Arlington	979	631	97.7	٠.	.8.0	, 10	15	۰ 0	6	4	301	9-94	345	,53.4
Belmont	386	372	96.4	ત	0.8	-11	2.8	0	2	6	164	42.5	222	57.5
Boxborough		ì			See Act	Acton-Boxborough	rough	, •						·
Concord- Carlisle	907	396	9.7.5		0.7.	7	1.7	0	5	2	20.7	51.0	199	49.0
Concord				*	See Con	Concord-Carlisle	lisle	1		,				
Lexington	693	616	92.9	1	0.2	97	6.9	0	41	5	320	48.3	343	51.7
Lincoln- Sudbury	476	456	95.8	r-d.	0.2	19	4.0	0	16	3	226	47.5	250	52.5
Stow		•	,		Not Available	ilable	,	·						*
Sudbury				v t	See Lin	Lincoln-Sudbury	bury		1	,				
Wayland	317	306	96.5	/ 0	0	11	3.5	0	80	. 6	136.	42.9	181	57.1
Weston .	265	, 259	97.7	0	0	9.	2.3	0	Ή.	5	125	47.2	140	52.8
R.V.T.H.S.	426	423	99.3	0	0	3	0.7	0	- 2	1	333	78.2	93	21.8
Total	4,038	3,911	6 ⁴ 96	13	0.3	j14	2.8	0	82	32	2,028	50.2	2,010	49.8

Massachusetts State Department of Education, Division of Research. Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table 3: Enrollment By Race". School Report October 1, 1974, Source:

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLIFAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on TOCATIONAL-TECTINICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TALLE #9

Series #6

Individual Program_Enrollment by School by Race and 'Sex Characteristics: 1974-75

Name of School: Minuteman Vocational-Technical High School

Grade Organization; 9

District(s) Primarily Served: Acton, Arlington, Belmont, Boxborough, Carlisle, Concord, Lexington, Lincoln, Stow, Sudbury, Wayland, Weston

											٠			
		White		Span.Surname	mame 1	Non-white	hite /	Non	Non-thite	-	Male	-	Ferale	
Program	Total	#	82	#		****	*	Native Amer.B	Black A	Asian Amer.	**	Ş n	. **	%
Building Trade	-	,				1,			.	<u> </u>		*		
Printing				•			,				-	<u> </u>		
Commercial Art Design						, ,						O	•	
Culinary Arts		4					,							
Distributive Education		NO	FURTHER		ATA AVAILABLE	ьī	ų	-						
Horticulture						4					•		5 0	
Metal . Fabrication	,					•				٠				
Machine Shop						V	•		,		% -		`	
Health Occupations													•	*
Power Mechanics														
Instrumentation							フ							
Electronics														•
,	•			•									•	•
Total .			**											•

Source: Metropolitan Planning Project, Telephone Survey, April 1975.



NORTHEAST METROPOLITAN REGIONAL VOCATIONAL SCHOOL

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Northeast Metropolitan Regional Vocational School Name of School:

Address: P.O. Box, 238

Wakefield 01880

Ci cy:

Grade Organization: 9-14

Status: Regional Vocational-Technical High School

Director; John Connolly

		•	%		23.4	
	Female		#		30 B 23.4	
	3		%	4	76.6	
	Male		#		1,007 76.6	
	te	Asian	Amer.		rej.	
	Non-white		Amer. Black Amer.		7	
974-75	Z	Native	Amer.		0	
NT: 1	ite		%		7.0	
ENROLLMENT: 1974-75	Non-white		**		ιω	
	mame		*		7.6	
	Sp. Surname		*		61	
•	e E		%		95.0	
	White		*		1.249	
A.		Total	_	٠	1.315	

291

1973-74	ch. 74	\$2,851
B. FUNDING: 1973-74	Primary Source of State Funds	Per Pupil Operating Expenditures (\$)

ن	DISTRICT(S) PRIMARILY SERVED: 1974-75	: 1974-75	
			% of Total
•		# of	Parallel
	Name ''	Students	En rollment
Chelsea		. 82	6.4
Malden	•	172	5.5
Melrose		131	5.8
North Reading		57	5,3
Reading		107	5.5
Revere.		146	5.9
Saugus	•	122	5.8
Storieham		. 78-	4.6
Wakefield		114	6.1
Winchester		89	3.7
Moburn		173	5.5
Winthrop		9	6.4
	•		

	i			
1974-75	% of School Enrollment	6.4	. 0	0.1
SPECIAL PROGRAMS:	# of. Students	, 84	0	T
D. SPECIA	•	Free Lunch	METCO B	Bilingual

Notes and Sources: Sec next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September

1974, as verified by a Metropolitan Planning Project, telephone survey, March 1975.

technical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School-for Girls, whose grade organization % is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Inadependent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director,

Sources: Massachusetts State Department of Education, Division of
Research, Planning, and Evaluation, Individual School Report,
October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the
Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachuser*3 State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of
Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Shicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School Valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total numbers of students in parallel grades was a estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools.
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level ind number of children in a student's family. Percentage

(%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school enrollment.

■ METCO

Sources: Massachusetts State Department of Iducation, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN MILLO
1974-75.

'Arlington Vocational-Technical High School:

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

>

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-XS by the Districts Primarily Served by

Northeast Metropolitan Regional Vocational School, Grades 9-14

		White		Span.Surname	n ame	Non-white	ite	N	Non-white	ie.	Male		Female	e
	,							Native		Asian		ľ		
	Total .	#	%.	#	%	#	\$0	Атег.	Black	Ame r.	#	%	**	. 2
20100	1,207	1 103	410	8	/ c	41	7 7	c	30		592	0 67	615	51,0
					1	**					775			
Malden	2,933	2,840	96.8	80	0.3	85	2.9	0	81	4	1,427	48.7	1,506	51.3
Melrose	2,142	2,122,	99.1	2	0.1	18	0.8	. 2	. 5	$\frac{1}{2}$	1,015	47.4	1,127	52.6
North Reading	1,019	1,014	99.5	0	0	5	0.5	0	2	3	505	49.6	514	-9*05
Reading	£,839	1,827	99.3	гd	0.1	11	0.6	0	11	. 0	885	48.1	954	51.9
Revere	2,328	2,326	9.66	19-4	0.04	7 1	0.0	0	Н	0	1,107	47.6	1,221	.52.4
Saugus	1,986	1,972	99.3	41 ~	0.1	. 13	0.7	0	. 11	2	₹ 911	6.54	1,075	54.1
Stoneham	1,620	1,611	₹99.4	7	0.2		0.3	0	2	. 3	796	49.1	824	50.9
Wakefield	1,754	1,734	98.9	5	0.3	(15,	6.0	. 0	12	3.	830	47.3	924	52.7
Winchester	1,760	1,731	98.4	3,	0.2	26	1.5	1,	16	6	823	46.8	937	53.2
Woburn	2,993	2,943	98.3	26	0.0	77	8.0	0 ,	13	11	1,452	48.5	.1,541	51.5
Winthrop	1,250	1,238	0.66	. 80	0.6	7	0.3	0	2	2	583	46.6	299	53.4
Northeast Metro- politan R.V.S.	1,315	1,249	95.0	. 61	4.6	5	0.4	0	4	1	1,007	76.6	308	23.4
Total	24,146	23,710	98.2	183	8.0	253	1.0	3	199	51	11,933	49.4	12,213	50.6
0														

of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment By Grade". Massachusetts State Department School Report October 1, 1974, Source:

of Education, Division of Research, Planning and Evaluation, Individual "Table 3: Enrollment By Race". Massachusetts State Department 1974, School Report October;



The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

VOCATIONAL-TECHNICAL EDUCATION STUDY TALLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: Northeast Metropolitan Regional . Vocational School?

District(s) Primarily Served: Chelsea, Malden, Melrose, North Reading, Reading, Revere, Saugus, Stoneham, Wakefield, Winchester, Woburn, Winthrop

Grade Organization: 9-14

	<u>ب</u>	White		Span. Sumane	mane	Non-white	-	Non-white	te	Male		Ferale	a
Program	Total	. 45	%	≒⊭	8	<i>*</i>	1=	Native	Asian	#	3	**	٥
							-	10 TO TO TO	1 2 2			-	,
Dental Assistant	. 13	<u>.</u>						•	`	ò	0	13	100.0
Dental Lab Technician	13	***				•			,	α	2 19		9 0 0
Practical Nurse	28			**	, .	,				1		a c	
Medical Assistan	, 49 t			,									
Health Service Aide	. 13*	NO.	FURTHER DA	TA	AVAILABLE	, id	-		•		<u>-</u>	1.	0 00
Operating Room	18.				,			. 3		0	0	18	00
Data Processing	² 2 9					., -	<u> </u>			18	62.1	11	37.9
Auto Body	7.7	. 4									100.0	0	0
Auto Mechanics	75					,	==				100.0	0	0
Applied Design	56		, , ,				=				42.9	32	57.1
Carpentry	79,	-	1		,°		==		<u> </u>	. 79	100.0	0	0
Electricity	83.							·		83	0.001	0	0
Flumbing and Pipefitting	85.						===			85	0.001	0	0
	/		. ~ ~		. 4		==)		

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

Note: Dental Assistant, Dental Lab Technician, Medical Assistant and Operating Room programs, post-graduates only. All figures valid as of March 1975.



METRUPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY' COUNCIL ON TOCATIONAL-TECHNICAL EDUCATION

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ACCITIONAL TECHNICAL EDUCATION STUDY TALLE #6

Series #6

Individual Program Enrollment by Sthool.by Race and Sex Characteristics: 1974-75

District(s) Primarily Served: Chelsea, Malden, Melrose, North Name of School: Northeast Metropolitab Regional Vocational School

Reading, Reading, Revere, Saugus, Stoneham, Wakefield, Winchester, Wolurn, Winthrop

Grade Organization; 9-14

*	,	7. N. C. C.		1Shan Su	.Sumara	10-10-11 10-11-11-11-11-11-11-11-11-11-11-11-11-1	ai te	Non-tth	thite	-TEN L		F. T.	יי
Program	-1 eg 43	::	; n	12	દેશ	*::	9 5	Amer. Black	Asian	** 7-	` .	**-	
Drafting and Design	99		-	<i>.</i> :	, ,			>-		, y	α , α	0 -	15 2
Plectronics	, ox		:	5	,				,			-	•i
Grafic	7	•			·				-	08	98.8	-	1.2
Communications	70					٨,			-	63	90.0	7	10.0
Fabrications	æ.		-			٠ , ٠	•			73/.	100.0	0	0
Sheet Metal	. 69	ON	NO FURTHER DAT	R DATA /	VAILABLE	띡		,	•	69	100.0	0	0
Cosmetology	30				•	· }		•		0	0	30	100.0
Food Service	9/		* * *	/	, ,	ç	,			. 77	57.9	32	42.1
Cabinet Making	71		, .		. 4	v				71	100.0	, ٥	
Nursery- Kindergarten	16		• •	. 9					- N	16	100.0	0	0
Accounting	. 38	1	•			,				16	42.1	22	57.9
Service Aide	29.				-	,			. •	0	0	29.	0.00
Machine Shop	. 68			;	- 2	/	,	•	,	89	100.0	0.	0
* .				, 1			,	·		, 		ಎ	
fotal	1,275	, "		* **	-				1	500	g.	270	0
•									-				

Source: Metropolitan Planning Rroject, Telephone Survey, April 1975.

Dental Assistant, Dental Lab Technician, Medical Assistant and Operating Room programs, post-graduates only All figures valid as of March 1975. Note:



SHAWSHEEN VALLEY TECHNICAL HIGH SCHOOL

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Shawsheen Valley Technical High School

Status: Regional Vocational-Technical High School Grade Organization: 9-12

City: Billerica 01866

Director: Benjamin Wolk

Address: 100 Cook Street

	ъ.	Prima	Sourc	of St	Funds	Per P	
				~		6.1	
		ale	_	4		23	
•	,	Female	•	#		178 23.9	
		e		%	,	566 76.1	
		Male		#		266	
	•	te	Asian	Amer.		-	
		Non-white		Black		-	
	1974-75	N	Native	Amer. Black Amer.		2	
		ite		7		0.5	
	ENROLLMENT:	Non-white		#	,	7	
		ırname		%		0.3	
		Span.Su		#		7	
		te		%		738 99.2	
٩		White		#		738	
	Α.		Total			744	

DING: 1973-74	,		(th. 74		,		\$2,207	
B. DING:	Primary ,	Sourc	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)'

:	DISTRICT(S) PRIMARILY SERVED: 1974-75	: 1974–75	. ,
		# OF	% of Total
	Name	Students	Farallel : Enrollment
Bedford		64	. 9.4
Billerica		244	8.8
Burlington		124	5.2
Tewksbury		179	8.3
Wilmington		133	8.3
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Sec next page Notes, and Sources:

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of

Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocational
technical school it is; regional, municipal, independent

or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of
Research, Planning, and Evaluation, Individual School Report,
October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the
Director.

Chicopee Vocational-Technical High School, Office of the
Director.

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocátional</u>
Schools, Séptember 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

districts.

Source: 'Metropolitan Planning Project calculations, April 1975.

The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational—technical schools and vocational divisions of comprehensive high schools, the total student enrollment of the individual vocational—technical high school was included in the Table #5 figures. In the cases of regional vocational—technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director. The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage

(%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, <u>COMMUNITIES PARTICIPATING IN MUTCO</u> - 1974-75.

Arlington Vocational-Technical High, School.

Katherine Jones, METCO Coprdinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves MeTCO students is .

Newton Vocational-Technical High School which has two (2) METCO students.

Bilinguai

Sources: Massachusetts State Department of Education, Division of
Research, Planning and Evaluation, Individual School Report,
October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.
Chicopee Vocational-Technical High School, Office of the Director.
Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

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VÓCATIONAL-TECHNICAL EDUCATION, STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Shawsheen Valley Technical High School, Grades 9-12

		White		Span.Surname	-	Non-whi	ite	NO	Non-whit	te	. Male		Fenale	e.
,	Total	#	` %	#	%	# ~	%	Native Amer. Black		Asian Amer.	#,	%	#	6.4
Bedford	1,339	1,291	7.96	0	0	87	3.6	1	41	9	· 089	50.8	659	49:2
Billerica	2,540	2,506	98.7	6 .	7.0	25	1.0	5	15	5	1,275	50.2	1,265	49.8
Burlington	2,265	2,234	98.6	£,	0.1	\sim_{28}	1.2	0	15	13	1,116	6.65	1,149	50.7
Tewksbury	1,967	1,944	98.8	16	0.8	7	7.0	0	5	2	796	0.65	. 003	51.0
Wilmington	1,477	. 1,472	99.7	0	0	5	0.3	0	ž. 5	0	, 714	48.3	763	51.7
Shawsheen Valley Vocational- Technical	744	738	99.2	8	.0.3	7	0.5	,7	, н	7	266	. 76.1	178	23.9
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,		,	1)	1	<i>(</i>	,			. ^				
Total	10,332	10,185	98.6	30	0.3	117	71.1	8	. 82	27	5,315	51.4	5,017	48.6
		ı						•			r			

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table Onc: Enrollment By Grade". "Table 3: Enrollment By. Race"; School Report October, 1, 1974, School Report October 1, 1974, Source:

NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were conlidered to be part of the parallel enrollment if they attended school in the
primarily served district(s). No ungraded were considered to be part of this
parallel enrollment though ungraded students were part of an individual school's
enrollment in some cases; this is because it could not be determined if they
were in a congruent school grade.

VOCATIONAL-TECHNICAL EDUCATION STUDY TALLE #6

Spring #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75.

Name of School: Shawsheen Valley Technical

High School Grade Organization: 9-12

District(s) Primarily Served: Bedford, Billerica, Burlington,

Tewksbury, Wilmington

		White		Span.Surname	rname	Non-white	ite	No	Non-white	0	Male	9	Ferale	e][
Program	Total	# 3	2	#	%	#	**	Native Amer.	Black	Asian Amer.	#	` 0	#	6.9
Antomotive	» 73	72 ,	98.6	н	1.4	0	0	0	0	0	73	100.0	0	0
Auto Body	29	29	100.0	,0	0	0	0	0	₄ (0	0	29	100.0	0	0
Carpentry	58	28	100.0	0.	0	Ó	0	0	0	.0	, \$4	100.0v	0	0
Chemical Lab Technician	30	30	100.0	0	0	0 .	0°	0	0.	0	13	43.3	17	56.7
Culinary Arts		75	98.7	0	o,	r-t*	1.3	-	9	0	97	60.5	. 06	39.5
Distributive . Education	12	12	100.0	0	, 0	0	0	0	0	0	1	8.3	11	91.5
Electrical	55	. 55	100.0	0	0	0	0	0	0	0	55	100.0	0 +	0
Electronics	09	09	100.0	0	, 0	0	0	0	0	0	58	1 96.7	, 2	3.3
Machine Shop	89	89	100.0	<u>`</u>	0	0	0	0	. 0	0	89	100.0	0	0
Meral Fabrication	76	75	98.7	. 0	0	1	1.3	0	Т	0	92	100.0	0	0
Secretarial Science	62	7.7	97.5		0	2	2.5	0	1		0	0	79	100.0
Technical Drafting,	. 04	70	100.0	0	.0	0	0	0	0	0~	29 .	72.5	11	27.5
5		l.				!								
		=							, ,					
												P		

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

Note: All figures valid as of March 1975,



METROPOLIFAN PLANNING PROJECT/NASSAGHUSETTS ADVISORY COUNCIL on JOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TALLE #6

Series #6

Individual ingram Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: Shawsheen Valley Technical

District(s) Primarily Served: Bedford, Billerica, Burlington,

Served: Bedford, Billerica, Bu Tewksbury, Wilmington

High School Grade Organization: 9-12

		White	te	Span. Surnarie	marre	Non-white	nite	No.	Non-white		Male		Ferale	0)
Program	Total	* 1	۶۰	712	5.2	14-		Native Amer, Black		Asian Amer.	,f.	S 0	**	è°
Technical . Illustrating and Commercial		:= #1 T.T)			*	•			
Art	95	545	97.8	-	2.2	a	a	a	9	a	22 ,	47.8	24	52.2
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	•						-	در ۔					•	Gg.
Total	723	1 713	99.2	2	0.3	7 .	0.6	н	2	1	549	75.9	174	24.1

Source: Metropolitan Planning Project, Telephone Survey, April 1975. Note: All figures valid as of March 1975.

ERIC

Afull Text Provided by ERIG

SOUTHEASTERN REGIONAL VOCATIONAL-TECHNICAL HIGH SCHOOL

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUGATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Southeastern Regional Vocational-Technical High School

Address: 250 Foundry Street

City: South Easton 02375

Grade Organization: 9-14

Status: Regional Vocational-Technical High School

Director: Robert Kondrack (9-12), Robert Magnier (13-14)

	1		5						•				_
A.		/	•		ENROLLMI.IT: 1974-75	17:	1974-75						,
	ı i ym	e ¹	White Span.Surname	rname	Non-white	ite	N	Non-white	te	Male	B	Female	e
Total		ď		•	-		Native		Asian				
	#	%	H	%	#	%	Amer. Black Amer.	Black	Amer.	*	~	#	*
1,044	1,016 97.3	97.3	12	1.1	1.1 16 1.5	1.5	1	10	, 5	797	76.3	247	23.7
	•		•					,		•	,		

Per Pupil Operating Expendi- tures (\$)	Primary Source of State Funds	B. FUNDING:
\$2,098	Ch. 74	19 73-74

ł		
8.3	. 46	West Bridgewater
5.5	111	Stoughton
6.6	78	Sharon
4.9	33	Norton
6.1	52	Mansfield
6.2	74	Foxborough
6.7	` 77	Easton
6.2	46	East Bridgewater
8.4	521 •	Brockton
Enrollment	Students	Name
Paralle1	# of	
% of Total ,	, , , , , , , , , , , , , , , , , , ,	
•	1974-75	C. DISTRICT(S) PŘIMARILY SERVED:
•	•	2 3 3

METOO	Free Lunch		ם.
METOO	unch	*	SPECIAL
0 0	79	# of Students	SPECIAL PROGRAMS:
0 0.	7.6	% of School Enrollment	1974-75

Notes and Sources: Sec next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project

Lilephone survey, March 1975.

technical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lvnn Independent Industrial Shoemaking School was considered to be 9-12:

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of
Research, Planning, and Evaluation, <u>Individual School Report</u>,
October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment, by Race".
Arlington Vocational-Technical High School, Office of the

Chicopee Vocational-Technical High School, Office of the Director.



Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures

1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as occupational Day programs.

DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source:

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending

those grades in the schools of the resident district (see

Metropolitan Planning Project calculations, April 1975.

Table #5 series) For the cases of municipal vocational—technical sc'ools and vocational divisions of comprehensive high schools, the total student enrollment of the individual vocational—technical high school was included in the Table #5 figures. In the cases of regional vocational—technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school enrollment.

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO -
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or

Springfield metropolitan areas which serves METCO students is

Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Notes:

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evoluation, <u>Individual School Report</u>,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

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YOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Southeastern Regional Vocational-Technical High School, Grades, 9-14-

		White	e .	Span.Surname	name	Non-white	ite	NO	Non-white	e J	Male		Fenale	e
	Total	#	%	#	%	#	%	Native Amer.	Black	Asian Amer.	. #	%	#	52
Brock'on	5,701	5,252	92.1	179	3.1	270	4.7	1	259	01	2,711	47.6	2,990	52.4
East Bridgewater	697	681	7.76	6	1.3	7	1.0	0	7 7	3	340	48.8	357	51.2
Easton	1,067	1,052	98.6	0	0	, 15	1.4	0	14	1	513	48.1	554	51.9
Foxborough	1,115	1,107	99.3	3	0.3	5	0.4	0	2	3	510	45.7	605	54.3
Mansfield	798	787	98.6	٠ د	9.0	9	9.8	o	5	٦	385	48.2	413	51.8
Norton	643	632	98.3	4	9.0	7	1.1	1	7	2	313	48.7	330	51.3
Sharon	1,109	1,052	94.9	2	0.5	52	4.7	0	51	1	550	49.6	559	50.4
Stoughton	1,909	1,823	95.5	22	1.2	99	3.4	1	62	`1 .	911	47,7	966	52.3
West Bridgewater	505	502	99.4	0	0	3	9.0	0	2	1	240	47.5	- 265	52.5
Southeastern Vocational Technical	1,044	1,016	97.3	. 27	1.1	. 16	1.5	П	, 10	'n	. 797	76.3	247	23.7
						Ć.								
						<u>.</u>					Đ			
Total	14,588	13,904	95.3	239	1.6	445	3.1	7.	413	28	7,270	49.8	7,318	50.2
	;	É		1			-	-					4	,

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment By Grade". School Report October 1, 1974, Source:

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table 3: Enrollment By Race" School Report October 1, 1974,



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s).were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECTHICAL EDUCATION

VOCATIONAL-TICHNICAL EDUÇATION STUDE, TABLE #6

Series #6

Individual Program Enrollmant by School by Rage and Sex Characteristics: (1973-74

Name of School: Southeastern Regional Vocational-

Technical High School Grade Organization: 9-14

District(s) Primarily Served: Brockton, East Bridgewater,
• Easton, Foxborough, Mansfield, Norton, Sharon,
Stoughton, West Bridgewater

		White		Span. Sumare	marre	Non-:/hi te	ite i	No	Non-white	9	Mala	-	Ferale	ų
f	f		į	:	;	,				Asian	*	. 8	=	
Frogram	Ictal	#	7	يد	%	*-	5.0	Amer.	Black	Arre r.	i.e.	, ,	#	
Dental Assisting	30	30	190.0	0	0	0 (ó	C	0	0	0	0	30	100.0
Medical Laboratory Technology, Other	15	15	100.0		0	þ	0	0	.0	0	Н	6.7	14	. 93.3
Practical Nursing		. 47	100.0	0	,0	ړه.	0	0	0	Ô	12	2.1	. 95	97.9
Medical Assistant	21	21	100.0	0	0	0	0	0	0	0	0	0	21	100.0
Community Health	52 *	05. د	96.2	1	1.9	1	1.9	0	0	-	·o	0	52	100.0
Electronic Technology	23	23	100.0	0	0	0	0	0	, O	0	22	95/7	П	4.3
Mechanical Technology	8		100.0	0	0	0	0	0	0	0	, ∞	100.00	0	0
Scientific Data Processing	25	24	96.0	1	4.0		0	·o	0		17	68.0	8	32.0
Body and Fender Repair	78	76	97.4	0	0	2	2.6	1	0	-1	78	100.0	0	
Auto Mechanic	78	.75	96.2	, , –	1.3	. 2	2.6	0	7	0	78	100.0	0	0
Commercial Art Operations	38	38	100.0	0	° 0	0	0	0	0	0	. 16	42.1	22	57.9
Carpentry Con- struction	86	97	98.9	1	1.0	. 0	0	0	0	0	98	100.0	0	0
Plumbing and Pipefitting	72	72	100.0	0	0	0	0.	0	O	0	72	100.0	0	0
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Civil Rights Survey of Area U.S. Department of Health, Education and Welfare, Office of Civil Rights, 1974. Vocational-Technical Schools, February 28, Source:



NETROPOLITAN PLANNING PROJECT/NASSACIUSCITS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-KCRIICAL-EDUCATION STUDE TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1973-74

District(s) Primarily Served: Brockton, East Bridgewater Mame of School: Southeastern Regional Vocational-

Grade Organization: 9-14

Easton, Foxborough, Mansfield, Norton, Sharon, Stoughton, West Bridgewater Technical High School

		White		ISpan. Sumane	l ellen	Non-rhite	ite ii	N.	Non-thite	9	Maie	-	Fe-a1e	יו
						,		Vative!		Asian				
Program	Total	##:	».	#	,2,	#	/o/	Amer. Black	81ack:	Ame r.	₹ħ.	%	* ±	. 1
Construction and	,	,								7227	,			
Trades, Other	41	41	100.0	0	0	0	0	0	0	0	41	100.0	0	0
Drafting Occupations	41	37	90.2	1	2.4		7.3	0	3	0	41	100.0	.0	0
Electrical Occupations	7.1	69	97.2	2	2.8	0	0	0	0	0	71	100.0	0	0
Electronic 'Occupations	75	42	100.0	0	0	0	0	, Ó	0	0	39	92.9	. 60	7.1
Graphic Arts Occupations	55	54	58.2	0	0	-1	1.8	0	1	0	38	69.1	17	30.0
Metalworking Occupations	70	89	97.1	-	1.4	П	1.4	0	1	0	70	100.0	0	0
Machine Shop	25.	54	94.7	2	3.5	Н	1.8	0	1	0	. 57	100.0	0	0
Quantity Food Occupations	63	62	98.4	0	0	н	1.6	0	1	0	45	71.4	18	28.6
Woodworking Occupations	52	51	28.1	H	1.9	0	0	0	0	0	52	100.0	0	0
Carpentry Apprentices	21	19	j.ë	7	4.8	1	4.8	0	1	0	21	100.0	0	0
Electricity Apprentices	. 67	65	97.0	0	0	2	2.9	0	2	0	. 79	100.0	0	0
Masonry Apprentices	12	12	100.0	0	0	0	0		0	0	12	100.0	0	0

U.S. Department of Health, Education and Welfare, Office of Civil Rights, Civil Rights Survey of Area 1974. Vocational-Technical Schools, February 28, Source:



METROPOLITAN PLANNING PROJECT/NASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TAMLE #6

Series #6

. Individual Program Enrollment by School by Race and Sex Characteristics: 1973-74

Name of School: Southeastern Regional Vocational-Technical High School

Grade Organization: 9-14

Easton, Foxborough, Mansfield, Norton, Sharon, District(s) Primarily Served: Brockton, East Bridgewater, Stoughton, West Bridgewater

•	-	. White		Span. Surname	mame	Non-trh1 ce	in te	io X.	Non-thite	9	Maie	-	Ferale	า
Program	Total	:tb-	%	72	3.6	#		Kative Asian Amer. Black Amer.	 Blacki	Asian Amer.	#	%	#	÷ 2
Plumbing and Pipefitting										**************************************		·		
Apprentices	87	%	98.9	1	1.1	0	0	0	0	0	87	100.0	0	0
Metalworking Occupations (Diversifieds)	. 16 ′	15	93.8	0	0		6.3	0	1	•	16	100.0	0	0,
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Total	1280	1251	97.7	13	1.0	16	1.3	1	13	2	1048	81.9	232	18.1

U.S. Department of Health, Education and Welfare, Office of Civil Rights, Civil Rights Survey of Area Vocational-Technical Schools, February 23, 1974. Source:



JOSEPH R. KEEFÉ TECHNICAL SCHOOL

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METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Joseph P. Keefe Technical School

Grade Organization: 9-12

Address: 750 Winter Street

Status: Regional Vocational-Technical High School

City: Framingham 01701

Director: Daniel Donoghue

- -		,	74	-	ENROLLMENT: 1974-75	NT: 1	974-75						
	Whi	Fe Fe	Span.Su	an.Surname	Non-white	ite	Ż	Non-white	te	/ Male	9	Female	اه
Total							Native		Asian				
	*	74	*	74	*	*	Amer.	Amer. Black Amer.	Amer.	#	%	#	74
	;												
1.046	981	93.8	97	4.4	4.4	1.8	0	18	-	751	71.8	751 71.8 295 28.2	28.2

325

								-	
1973-74		1	7/2			((386)		
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)	

	DISTRICT(S) PRIMARILY SERVED: 1974-75	: 1974-75	
			% of Total
	-		Parallel
٠	Name	Students	En rollment
Ashland		122	15.1
Framingham		627	13.6
Holliston		110 >	10.0
Hopkinton /	-	89	17,1
•		,	

Notes and Sources: See next page

D. SPECIA	SPECIAL PROGRAMS:	197′ –75
•	# of Atudents	% of School Enrollment
Free Lunch	, 68.	6.5
METCO	0	0
Bilingual	25	5.4

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 197*, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the

Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 19⊅3-74

Note:

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of
Research, Planning and Evaluation, Per Pupil Expenditures

1973-74, (print-out), April 1975.

Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
cational-technical high school was included in the Table #5
figures. In the cases of regional vocational technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is sorved
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch .

Sources: Massachusetts State epartment of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students is equal to the number of students is receiving free lunch on an average day in the month, of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school i either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteran Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.



VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Joseph P. Keefe Technical School, Grades 9-12

		White	e	Span.Surname	name 1	Non-white	ite	NO	Non-white	e J	Male		Female	a
	Total	#	2	#	~	#		Native Amer. Black	Black	Asian mer.	#	%	#	**
Ashlafid	989	676	98.5	0	0	10	1.5	0	10	0	311	45.3	375	54.7
Framingham	3,968	3,807	95.9	 55	1.4	106	2.7	1	90	15	1,857	46.8	2,111	53.2
Holliston	986	966	98.0	5	5.0	15	1.5	0	13	2	483	49.0	503	51.0
Hopkington	43b	759	99.1	2	0.5	. 2	0.5	0	0	2	178	41.4	252	58.6
South Middlesex Vocational- Technical	1,046	981	93.8	97	4.4	19	1.8	, 0		H	, 751	71.8	295	28.2
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					,									
,									Q		•			
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6							,							
						,								
Total	7,116	6,856	96.3	108	1.5	.152	2,1		131	20	3,580	50.3	3,536	49.7
											,			

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". Source:

School Report October 1, 1974, "Table 3: Enrollment By Race".



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of studence in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLIFAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHN : L EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: Joseph P. Keefe Technical School

District(s) Primarily Served: Ashland, Framingham, Holliston, Hopkinton

Grade Organization: 9-12

		White		Span.Surname	mane	Non-white	ite	N.	Non-white	, e	Male	-	Ferale	le
Program	Total	**	%	#	%	#		Native Amer.	Black	Asian	· *	, 0	**	%
Auto Mechanics				Ŋ	FURTHER	DATA	AVAILABLE	AT.	HIS TI	뜆	<u> </u>			
Diesel and Heavy Equipment		1												
Machine Shop	ŧ													
Metal. Fabrications					,									
Mill and House Carpentry			-											}
Computer					,				,	.				
Electricity		,								2.3-		 	ů	
Electronics														
Machine Drafting		•				•							·	
Media Technician	Ŷ											Г" 1.		
Plastic Techniciam		ž.												
Commercial Art										-				
Culinary Art													,	
	a	,						-						

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

Note: Pre-Vocational, ninth graders only.



METROPOLITAN PLANNING PROJECT/NASSAGRUSTITS ADVISORY COUNCIL ON TOCATIONAL-TECHNICAL EDUCATION

6" ELLET TOTAL TOTAL A EDUCATION STUDY ALLENO

Series #6

Individual Program Enrollment by Sunsol by Race and Sew Charackeristics: 1974-75

Name of School: Joseph P. Keefe Technical School

Grade Organization: 9-12

District(s) Primarily Served: Ashland, Framingham,

Holliston, Hopkinton

		:::		Span.Sumar		31.0-1.h1.0e	1 63.	eatur-cer	1100	9.67	-	Fe '3.e	
Program	• † • † • † • †	‡ :	6 ?	\$>	 د ه	:;	4-	Nath: 8120	ister:	:	-		,
Distributive Education				NO F	URTHER .	FURTHER DATA AVAILABLE	TLABLE	AT THIS	TIME				
Graphic Arts		: :=	2										
Health Assistant													-
Cosmetology									7	-			
Pre-Vocational													
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Source: Metropolitan Planning Project, Telephone Surwey, April 1975.

Note: Pre-Vocational, ninth graders only.



SOUTH SHORE VOCATIONAL-TECHNICAL HIGH SCHOOL





NETROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL #DUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: South Shore Vocational-Technical High School

Address: Webster Street

Status: Regional Vocational-Technical High School

Grade Organization: 9-12

City: Hamower 02339

Director: Frederick J. Teed

Α.	ų				ENROLLMENT: 1974-75	NT:	974-75				-		
,	Whit	9	Span. Surname	urname	Non-white	ite	Z	Non-white	te	/ Male	9	Female	
Total	***	*	#	84	*	ĸ	Native Asian Amer.	Black	Asian Amer.	*	3-5	#	26
353.	348	98.6	7	1.1	1	0.3	0	1	, 0	353	353 100.0	,	0

336

1973-74		,	77				768 65	
B. FUNDING:	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

C. DISTRICT(S) PRIMARILY SERVED: 1974-75	1974-75	
		% of Total
Name	Students	En rollment
Abinaton	76	7.5
Cohasset	8	1.2
Hanover	58	6.1
Norwell	44	5.8
RockLend	96	9.9
Scituate	71	4.2
	*	
	g,	
		•

D. SPECIA	SPECIAL PROGRAMS:	1974-75
	# of Students	% of School Enrollment
Free Lunch	07	11.3
METCO	0.	Ů
Bilingual	. 1	0.3

See next page Notes and Sources:

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State
Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and "Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization unior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director.
Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO-

Scurces: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield-metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

enrollment.

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school

311

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METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

South Shore Vocational-Technical High School, Grades 9-12

						-								•
		White	Ţe Te	Span.Surname	m ame	Non-white	hite	NC	Non-white	e .	Male	/	Ferale	a
,	Total	# "	2	#	84	#		Native Amer.	Black	Asian Amer.	#	7	#	. %
Abington	934	933	99.9	[,] 0	0.	1	0.1	1		0	423	45.2	512	54.8
Cohasset	638	609	95.5	0.	. 0	29	4.5	Ō,	29	0	334	52.4	304	47.6
Hanover	890	884	99.3	, - -	0.1	5	0,6	0	. 2	0	454	47.6	466.	.52.4
Norwell	715	71.1	99.4	1	0.1	ε,	0.4	0	3	0	325	45.5	390	54.5
Rock1 and	1,359	1,321	97.2	0	. 0	38	2.8	1	37	.0	999	49.0	693	51.0
Scituate	1,618	1,599	98.8	0	0	19	1.2	0		0	783	48.4	835	•
South Shore	ນົ້ (\$,
1ecunical	353	348	98.6	4	1.1	1	0.3	0	1	0	. 353	100.0	0.	0
-	٠,			٠		•					*		·	
ę				9		<u>.</u>					•			
*	þ	,·	7				-	,			·			
												3	,	,
				•										
Total	6,507	6,405	98.4	9	0.1	96	1.5	2	76	0	3,307	50.8	3.200	49.2
Source. Macagh	Mac ach no the Charles	7000	4	ţ		, , , , , , , , , , , , , , , , , , ,	2		-				1	

Source: Massachu

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". School Report October 1, 1974, "Table One: Enrollment By Grade". Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table 3: Enrollment By Race". School Report October 1, 1974,

NOTES FOR TABLE SEPIES # 5

*Roth students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraled were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLITAN PLANNING PROJECT/NASSACHUSETTS ADVISORY COUNCIL on NOCATIONAL-TECHNICAL EDUCATION

ACCATIONAL-TECHNICAL EDUCATION STUDY TAKEE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics; 1974-75

Vame of School: South Shore Vocational-Te unical Dis

District(s) Primarily Served: Abington, Cohasset, Hanover, Norwell, Rockland, Scituate

Grade Organization; 9-12

															,
		White		ISpan. Sumare	mare	Non-white	lite	No	Non-white	e	*ale	e	Ferale.	le	. 1
Program	Total	#:	60	##	%	**	% .	Native Amer.Black		Asian Arer.	#	81	#	%	
Body and Fender	30	30	100.0	0	0	0	0	0		0	30	100.0	0	0	
Auto Mechanics	30	29	96.7	1	3.3	0	0	. 0	0	0,	30	100.0	0	0	
Ptjer Automotive	20	20	100.0	0	0	0	0	0	0	0	20	0.001	. 0	0	
Carpentry	52	52	100.0	0	0	0	0	Ó	0	0	52	100.0	0	0	
Electricity	07	40	100.0	0	0	0	0	0	0	Ú	07	0.001	0	0	
Electronic Occupations	. 25	25	100.0	0	0	0	2	0	C	đ	24	96.0	н	4.0	1
Metalworking Occupations	124	120	9.98	3 +	2.4	1	0.8	, 0	, n		124	100.0	· · · o	0	,
Drafting	35	35	100.0	0	0	0,	0	0		0	34	97.1	1	2.9	
						1				- N				•	
	'ر														í
						*				÷					
											,		. •	-	1
													,		
Total	, 356	351	98.6	7	1.1	1	0.3	ò	1	0	354	99.4	2	9.0	<u> </u>

Source: Metropolita, Planning Project, Telephone Survey, April 1975. Note: All figures valid as of March 1975.



KING PHILIP REGIONAL VOCATIONAL HIGH SCHOOL



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATION AL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

King Philip Regional Vocational High School Name of School:

201 Franklin Street Address:

City: Wrentham 02093

Grade Organization: 9-12

Status: Vocational High School in a Comprehensive Secondary School Region

Director: Joseph S. Nicastro

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				•	ENROLLMENT: 1974-75	NT:	1974-75					
	White	e	Span.Surname	mame	Non-white	ite	2	Von-white	te	Male	e	Fema
al							Native		Asian			
	#	~	#	%	#	%	Amer.	Amer. Black Amer.	Amer.	#	2	#
00	009	0.001 009	0	0	0	0	0	0	0	232	38.7	368

1973-74			<u>}</u>	٠,٠			\$1.729	
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	turės (\$)

61.3

Ċ	DISTRICT(S) PRIMARILY SERVED: 1974-75	: 1974–75	•
		, 40 41	% of Total
	Name	S:udents	Farallel Enrollment
Norfolk		159	N.A.
Plainville	\ \	193	N.A.
Wrentham		239	N.A.
			•
		./	
		/	
		•	

SPECIAL PROGRAMS:
No separate record available

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationa'technical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.



Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures 1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district, of residence. In the case of municipal and independent. vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

districts.

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see.

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in 'he month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools:

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Mas achusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

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METROPOLITAN PLANNING PROJECT/MASSA(HUSETTS ADVISORY COUNCIL on WOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

King Philip Regional Vocational High School, Grades 9-12

Philip 1,390 1,385 99.6 .4 0.3 1 0.1 0 0 1 696 50.1 694			White	e	Span.Surname	m ame	Non-white	hite	No	Non-white	ie .	Male	-	Female	e
King Philip 1,390 1,385 99.6 4 0.3 1 0.0 0 1 694 .		Total	#	*	**	*	#	2	Native Amer	Black		•	74	#	. 2
Total 1.390 1.385 99.6 4 0.3 1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0	King Philip	1 1	1,385	99.6				0.1	0	0	1	969	50.1	769	49.9
Total 1.390 1.385 99.6 4 0.3 1 0.1 0 0.1 60.5	·					4							1	,	
Total 1.1390 1.385 99.6 4 0.3 1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0	,														
Total 1.390 1.385 99.6 4 0.3 1 0.1 0 0 1 60.5 50.1 50.1	1	, ,	•												
Total 1.390 1.385 99.6 4 0.3 1 0.1 0 0 1 20.1 50.1					7									•	
Total 1.390 1.385 99.6 4 0.3 1 0.1 0.0 1 1 606 50.1 502															
Total 1.390 1.385 99.6 4 0.3 1 0.1 0.0 0 1 605 50.1 505	20 111				खाद्ध		•								
1.390 1.385 99.6 4 0.3 1.0 10 1.0 1.385 99.6 4 1.385 99.6 99.6 4 1.385 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.															
707 1.38 99.6 4 0.3 1.0 0 1.0 1.385			,			,									
1.390 1.385 99.6 4 0.3 1 0.0 0 1.0 1.385															
1.390 1.385 99.6 4 0.3 1 0.0 0 1				,											
1.390 1.385 99.6 4 0.3 1 0.0 0 1 60.1												3.			
1.390 1.385 99.6 4 0.3 1 0.0 1 60.1			·			ق									, %
	Total	1,390	1,385	99.6	7	0.3	Н	0.1	0	0		969	50.1	769	6 67

Source: Massachuse

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollmant By Grade". Massachusetts State Department of Education, Division of Research, Planniug and Evaluation, Individual "Table 3: Enrollment By Race". School Report October 1, 1974,



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLITAN PLANNING PROJECT/MASSACTIUSETTS ADVISORY COUNCIL on COCATIONAL-TECTINICAL-EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: King Philip Regional Vocational High School

District(s) Primarily Served: Norfolk, Plainville, Wrentham

Grade Organization: 9-12

		White		Span.Surname	mame	Non-white	ite	%.	Non-white	e e	Maie	9	Fenale	e
Program	Tota1	**	%	#	%	#		Native Amer.	Black	Asian Amer.	#		#	%
Carpentry	. 70	70	100.0	0	0	0	0	0	0	0	70	100.0	0	0
Machine Shop	97	97	100.0	. 0	710	0	0	?	, O	0	97	100.0	0	. 0
Auto Mechanics	38,	38	100.0	0	0	0	0	0	0	0	38	100.0		0
Distributive Education	93	93	100.0	0	,0	0 .	0	0	0	0	45	48.4	48	51.6
Home Economics	29	29	100.0	0	0	0	0	0	0	0	0	0	29	100.0
Office Occupations	300	300	100.0	۰٥	0	0	0	0	0	0	6	3.0	291	97:0
Plant Maintenance	12	12	100.0	0	0	0	0	0	0	0	12	100.0	0	0
Small Engines	17	17	100.0	0	0	,	0	400	, 0	0	17	100.0	0	0
						-		C ₄				,		
	3.	,		•		1	-	-						
									L.					
Tota.	909	605	100.0	0	0	0	40	0	0	0	237	39.2	368	60.8

Source: Metropolitan Planning Project, Telephone Survey, April 1975. All figures valid as of October 1974.



SPRINGFIELD METROPOLITAN AREA MUNICIPAL VOCATIONAL-TECHNICAL SCHOOLS



CHICOPEE VOCATIONAL-TECHNICAL HIGH SCHOOL



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISÓRY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL FDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of Scool: Chicopee Vocational-Technical 'High School

Address: Windsor Street

Chicopee Falls, 01020. City:

Grade Organization: 9-12

Division in a Comprehensive Municipal High School Status:

Director: Thaedu Ossolinskii, Jr. (acting)

		Male	% #	576 85.0
		te,	Asian Amer.	0
		Von-white	Native Asian Amer. Black Amer.	3
•	1974-75	N	Native Amer.	0
	:NI:	ite	%	0.4
	ENROLLMENT: 1974-75	Non-white	#	3
		ırname	%	9.0
		Span.Surname	#	7
		e	%	99.0
		White	#	671
	Α.		Total	678
			<i>\$</i> 7	

357

1973-74			<u> </u>	٠,٠			\$951	
FUNDING: 1973-74	1 1mary	Source	of State	Funds	Per Puril	Operating	Expendi- tures (\$)	

15.0

Ċ.	DISTRICT(S) PRIMARILY SERVED: 1974-75	: 1974-75	
			% of Total
		ot O	Parallel
	Name		Enrollment
Chicopee		678	17.8
÷			
જ			
,			
•			

1974-75	% of School Enrollment		. 0	
SPECIAL PROGRAMS: 1974-75	# of Students	No separate record available	. 0	No. Available
SPECIA		Free Lunch	METCO	" Bilingual
ದ)_ [2	哥	, Bi

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocational-technical school it is; regional, municipal, independent, or division of a comprehensive har school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking hool was considered to be 9-12.

A. ENROLLMENT: 1974-75

Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table One: Enrollment by Grade", and

'Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the

Director.

Chicopee Vocational-Technical High Scrool, Office of the Director.



Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

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Primary Source of State Fun'.

Source: Massachusetts State Department of Education, Division of
Occupational Education, List of Massachusetts Vocational
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in arallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational-technical schools and vocational divisions of comprehensive high schools, the total student enrollment of the individual vocational-technical high school was included in the Table #5 figures. In the cases of regional vocational-technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level 'umber c children in a student's family. Percentage

(%) of School Enrollment was found by dividing the average

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daily number of free lunch students by the total school enrollment.

METCO

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of
Research, Planning and Evaluation, Individual School Report,
October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.
Chicopee Vocational-Technical High School, Office of the Director.
Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal.

to the total number of children in this school whose first
language is not English and the total number of children in
this school who are limited English-speaking, as defined by
Chapter 71A, Section #2 of the General Laws of the Commonwealth
of Massachusetts. Percentage (%) of School Enrollment was found
by dividing the number of bilingual students by the total school
enrollment.

ERIC Full Text Provided by ERIC

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by.

Chicopee Vocational-Technical High School, Grades 9-12

ite Male Female	* #	1,997 52.3 1,820				•				\ <u>\</u>	•		8 1 997 52 3 1 820 27 7
Non-white	Native Asian	0 43			+							*	0 43
Non-white		1.3											1.3
Non-	#	51		4							٠		51
, Imame	%	1.3	,					4	_				1.3
Span.Surname	#	7						•	L				. 87
te	%	97.4					•			,			97.4
White	#	3,718											3,718
	Total	3,817		•	·								3,817
,		Chicopee				-		~					Total

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual Individual Massachusetts State Department of Education, Division of Research, Planning and Evaluation, School Report October 1, 1974, "Table One: Enrollment By Grade". "Table 3: Enrollment By Race". School Report October 1, 1974, Source:



The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL ON VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

District(s) Primarily Served: Chicopee

Name of School: Chicoree Vocational-Technical

High School 'Grade Organization: 9-12

		White		Span.Surname	mame	Non-white	ite	IO N.	Nen-white	-	Male		Ferrala	c	
Program	Total	#	%	**	84	#	1	Native	A	Asian	#	6	#	6	
General Merchandise	73										20	30 7	1 77	, 09	
Auto Jody and Fender	67										67	100.0	C	3	
Auto Mechanics	87										87	100.0	0	0	4
Electricity	77										77	100.0	0	0	
Uraiting Occupations	18	NO	FURTHE	FURTHER DATA AVAILABLE	AILABL	ш					16	88.9	7	11.11	, —-
MetalWorking Occupations	88										88	100.0	0	0	1
Cosmetology	70										0	0	40	100.0	,
Woodworking Occupations	83										83	100.0	0	ò	·
Power Stitching	15										0	0	115	100.0	·
Pre-Vocational	148						·		•		147	99.3		0.6	
				Se Se											
			•						,						
•								-7						.	<u> </u>
Total	678	671	99.0	4	9*0	3	0.4	0		0	576	85.0	102	15.0	

Source: Massachusetts State Department of Education, Division of Occupational Education, Bureau of Research Coordinating Unit, For the Year Ending June 30, 1975, Federal Forms, Staff and Enrollments. Figures valid as of October 15, 1974. Pre-Vocational, ninth grade only.

Notes:



HOLYOKE TRADE HIGH SCHOOL



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series. #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Holyoke Trade High School

Grade Organization: 9-13

Address: 325 Pine Street

Status: Municipal High School

City: Holyoke 01040

'Director': Herbert P. Schmidt

	a)	**	25.
	Female	#	217 74.6 74 25.
	e	%	74.6
	Male	**	21.7
	te	Asian Amer.	0
,	Non-white	Black	4
974-75	N	Native Asian Asian Amer.	0
NT: 1	ite	14	1.4
ENROLLMENT: 1974-75	Non-white	#	4
•	mame	6%	17 5.8
	Span.Surname	#	
	e	%	92.8
i	Whit	#	270
А.		Total	291

1973-74		ch. 74	\$1,582
B. FUNDING: 1973-74	Primary Source	of State Funds	Per Pupil Operating Expendi- tures (\$)

		% of Total Parallel	1				٠			•		
	: 1974-75	# of	249					•			•	
	DISTRICT(S) PRIMARILY SERVED: 1974-75	ame N				,	•		٠			
367	. ·	·	Holyoke									

1974-75	% of School Enrollment	23.0	0	5.8
SPECIAL PROGRAMS:		29	0	<i>L</i> I .
D. SPECIA		Free Lunch	METCO	Bilingual

Notes and Sources: Sec next page

NOTES AND SOURCES TABLE SERIFS #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, Individual School Report,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditurès

Source: Massachusetts State Department of Education, Division of
Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Motes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational—technical schools and vocational divisions of corprehensive high schools, the total student enrolle nt of the individual vocational—technical high school was included in the Table #5 figures. In the cases of regional—technical schools, the number of students from a particular district was add to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two locational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

A. ington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Notes: The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of october 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage

(%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school n-rollment.

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, <u>COMMUNITIES PARTICIPATING IN METCO</u> - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of F ucation, Division of
Research, Planning and Evaluation, Individual School Report,
October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY OUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Holyoke Trade High School, Grades 9-13

		White	ر د د	Span.Surname	m ame	Non-white	ite	No	Non-white	CI.	Male		Female	e
	Total	#	6׺	72	۶, ۰	#	%	Native Amer.	ative Asian Amer. Black Amer.	Asian Amer.	#	%	#	60
Holyoke	e 2,807	2,501	89.1	203	7.2	103	3.7	0	100	С	1,430	50.9	1,377	49.1
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	٧				,									1
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		-									,			
											,			,
Total	2,807	2,501	89.1	203	.7.2	103	3.7	0	100	3	1,430	50.9	1,377	49.1
Source:	: Massachusetts State Department of Education, Division of Research, Planning and Evaduation Individual	State Depar	tment	of Educa	tion.)ivision	of Re	soarch	D Lann	1 200	F. 5.0.2			

373

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table Que: Enrollment By Grade".

NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade,

METROPOLIFAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

TOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Indivatual Program Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: Holyoke Trade High School

District(s) Primarily Served: Holyoke

Grade Organization: 9-13

-						*									
			White		Span. Surnare	nare	Non-white	ite	No	Non-white	e-	Male	-	Ferale	le le
	Program	[]ctal	*	%	#	۶۵	75	%	Native Amer.	B 1 3 C F	Asian	, ==	,,	#	8
<u>'</u>	Auto Mechanics													=	•
	Graphic Arts	٠.									=	- -	-		
	Speet Metal														
·!	Carpentry, Capinet Making		,												
	Machine Shop		NO FL	NO FURTHER D	DATA AVA	AVALLABLE					-	-			
	Electrical	•			l										
4	Commercial Fobds		,												
	Cosmetology												-		
1	Health Services										= ===	-			
\	Licensed Practical Nurse	٠									= ===		- 5		
											-	-	-		
			÷		~					-	-				
											-		-		
ı â	Total	- A		,						-	= ===				
75	Source: Metropol	Metropolitan Planning Project. Telenhone Survey, Arrit 1975	ning Pro	iect. T	Jenhone	Survey	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1076			=				_
		4	<i>'</i>		,	2445	TTTďY .	19/7							

SMITH VOCATIONAL & AGRICULTURAL HIGH SCHOOL



NETROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Smith Vocational and Agricultural High School

Address: 80 Locust Street

City: Northampton

Grade Organization: 9-14

Status: Independent Vocational High School

Director: B. Stanley Dowgert

01060

16.3 Female 75 83.7 Male 384 Asian Amer. Black Amer. 0 Non-white 0 Native 974-75 . c Non-white EN ROLLMENT: 0 Span. Surname 98.9 White 454 Total 459

37

1973-74			7,	wit: /4			\$2.276	
B. FUNDING:	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

	DISTRICT(S) PRIMARILY SERVED: 1974-75	iD: 1974-75	•	
		# of	% of Total	
	Name "	Students	Faraller Enrollment	
Northampton	•	195	10.5	L_
				<u>!</u>
	7	,		<u> </u>
	,			
	•			<u>. </u>
	•			
	A		*	
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Notes and Sources: Sec next page

7

1974-75	% of School Enrollment	12.2	0	0
SPECIAL PROGRAMS:	# of Students	95	0	0
D. SPECIA		Free Lunch	METCO	Bilingual

NOTES AND SOURCES TABLE SERLES #4

Name of School, Address, City, Grade Organization, Status, Director

1

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocational-technical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lvnn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of

Research, Planning, and Evaluation, <u>Individual School Report</u>, (

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High-School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the ; Director. Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, "all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational-technical schools and vocational divisions of comprehensive high schools, the total student enrollment of the individual vocational-technical high school was included in the Table #5 figures. In the cases of regional vocational-technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director.

Notes:

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

ме гсо

Note:

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Notes:

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director. Minuteman Regional Vocational-Technical High School.

The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

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METROPOLLTAN PLANNING PROJECT/MASSACHUSETTS ADVISORY, COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parall., School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Frimarily Served by

Smith Vocational and Agricultural High School, Grades 9-14

		White		Span. Surname	name	Non-white	lite	No	Non-white		Male	-	Ferale	9
,	Total	#	*	#	. %	#		Native Amer	Black An	Asian	<i>y</i> #	, %	. #	٥٥
Northampton	1,854	1,825	97.9	31	1.7	. 80	0.4			9	1,029	55.2	835	44.8
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			•		;						٥	. ,		
Total	1,864	1,825	97.9	31	1.7	8	0.4	1	1	9	1,029	55.	835	44.8
;	•					,						,	1	

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment'By Grade" School Report October 1, 1974, Source:

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table 3: Enrollment By Race".



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

VOCATIONAL-TECHNICAL EDUCATION STUDY TASLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

.Name of School: Smith Vocational and Agricultural

District(s) Primarily Served: Northampton

High School Grade Organizar on: 9-14

		White		Span. Sumame	mame	Non-white	ite	No	Non-white	. u	Male		Ferale	2)
Program	Total	#	1 %	74	29	**		Native Amer.	Black	Asian Amer.	#	```	**	1
Agriculture	65	65	100.0	0	0	0	0	0	0,	٥	62	95.4	3	4.6
Auto Mechanics	45	45¢	100.0	0	0	0	0.	0	0	, 0	45	100.0	0	0
Auto Body Repair and Paint	42	42	100.0	0	0	0	0	0	0	0	. 42	100.0	0	0
Carpentry ,	63	63	100.0	Ō	U	0	0	0	0	0	63	100.0	0	0
Drafting	25	25	100.0	0	0	0	0.	0	0	0/	25	100.0	0	0
Electrical	38	38	100.0	0	0	0	0	0.	0	0	38.	100.0	0	. 0
Machine Shop .	. 8č	38	100.0	0	0	0	0	0	0	0	38	100.0	0	0
Metal Fabrications	30	30	100.0	0	0	0	, 0	0	0	0	30	100.0	0	0
Plumbing	23	23	100.0	0	0	0	0	0	0	0	23	100.0	0	0
Home Economics	72	, 99	91.7	9 ~	. 8.3	0	0	0	0	0	. 1	1.4	71	98.6
Licensed Practical Nurse	. 25	25	100.0	a	0	0	0	0	0	0	7	8	23	92.0
			,				٠		۷					
				•						·			•	
Total	466	097	75.50	. 9	1.3	0	0	0	0	0	369	79.2	97	20.8

Note: Licensed Practical Nurse program, post-graduates only. All figures derived from school survey of April 1975. Source: Metropolitan Planning Project, Telephone Survey, April 1975.

SPRINGFIELD HIGH SCHOOL OF COMMERCE

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Springfield High School of Commerce

of Commerce Address: 415 State Street

City: Springfield 01105

Grade Organization: 10-12

Status: Municipal Commercial-Business
High School

Director: Phillip A. Sweeney

B. FUNDING: 19/3-74
Primary
Source
of State
Ch. 70
Funds
Per Pupil
Operating
Expenditures (\$)

	•									,	•		
Α.					ENROLLMENT: 1974-75	INT	1974-75						
	White	re	Span.Surname	urname	Non-white	nite	2.	Non-white	te	Male	le le	Female	l e
Total	#	%	#	. %	#	*	Native Amer.	Black	Asian Amer.	*	. *	#	. %
1 533	810	52.8	. 139	9.1	9.1 584 38.1 0 584	38.1	0	584	0	364	23.9	364 23.9 1 169 76 3	76.3
38		-		-				٠					,
7		•										•	

	% of Total Parallel	25.5								ī
				,		1				-
1 1	# of Stùdents		-	4			•	•	٠	
DISTRICT(S) PRIMARILY SERVED: 1974-75	Name	Springfield						•		

•	D. SPECIA	SPECIAL PROGRAMS:	1974-75
	•	# of. Students	% of School Enrollment
· ·	Free Lunch	414	27.0
• .	METOD	Not Applicable	•
	Bilingual	133	8.7

Notes and Sources: See next page

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NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of Educational Information Services, <u>Massachusetts School</u>

- Director 1973-74, June 1974; and Massachusetts State

 Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September

 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.
- Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of Novem-

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under

A Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C: DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project' calculations, April 1975:

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocational—technical schools and vocational divisions of comprehensive high schools, the total student enrollment of the individual vocational—technical high school was included in the Table #5 figures. In the cases of regional vocational—technical schools, the number of students from a particular district was added to that district's total as it appeared on Table #5 before the comparison was made. In cases where a school district is served by two vocational schools, the resident students of both schools were considered part of the parallel population and were included accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement, October 1974.

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage

(%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

MET CO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO
1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Notes:

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Artington Vocational-Technical High School Office of the Division of the D

Arlington Vocational-Technical High School, Office of the Director.
Chicopee Vocational-Technical High School, Office of the Director.
Minuteman Regional Vocational-Technical High School.

The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

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· METROPOLLIAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL ON VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECTATICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Springfield High School of Commerce, Grades 10-12

		Libito		Snan Surmana	ome r	Mon-trhi to		N	n-whir.	6	, Male		Female	9	
•	£ (*	8				1	ative	Native A	Asian	*	*	*	,	(
	1 Ccar	*	<u>*</u>	*	2	#	2	Ame r.	Amer. Black Amer.	Amer.	*	*	*		
Springfield	6.018	4.233	70.3	285	۲.4	1,500	2.5	0	1,496	. 4	3,184	52.9	2,834	47.1	
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Total ,	6,018	4,233	70.3	285	4.7	1,500	2.55	0	1,496	7	3,184	52.9	2,834	47.1	
7					7			,	. :		•		;	٠,	

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual. School Report October 1, 1974, "Table One; Enrollment By Grade". Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table 3: Enrollment By Race". Scurce:

NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

District(s) Primarily Served: Springfield Name of School: Springfield High School of Commerce

Grade Organization: 10-12

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(1				77 -	Native		Asian	-	- } -	יים ו	V.
Program	_	Total	₹\$	%	#	24	#	۶۵ و	Amer. Black		Arrer.	#		#	%
Business										-	- 	• • •	•		
Business-College Preparatory	lege		NO) FURTH	FURTHER DATA-AVAILABLE	AVAILAB	लि						,		
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3.		, e					,				===				
Total				,						ز			E		
Ci Source: Met	tropo]	Metropolitan Planning Project, Tele	ıning Pr	oject,	Telephor	te Surve	phone Survey, April 1975.	1 1975]			-		

Note: Courses of study offered within the programs include: Typewriting, Stenography, Office Practice, Business -Management, Data Processing, Bookkeeping, Business Law and Sales, Accounting, Business Practice, Clerical Bookkeeping, and Business Mathematics. SPRINGETEID TECHNICAL HIGH SCHOOL



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METROPOLITAN PLANNING PROJECT/MASSACHÜSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4,

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Grade Organization: 9-12 Name of School: Springfield Technical High School

Address: 53 Elliot Street

Status: Municipal Technical High School

City: Springfield 01105

Director: Charles W. Powers

Total White Span.Surname Non-white Non-white Male Female Total # % # % Amer. Black Amer. # % # % 1,008 64.4 26.1.7 531 33.9 1 529 1 1,001 69:7 474 30.3	Α.	ţ	٠			ENROLLMENT: 1974-75	INT: 1	974-75				•		
# % # % # % Asian 1,008 64.4 26.1.7 531 33.9 1 529 1		Whit	e	Span.Su	ımame	Non-wh	ite	N	on-whi	te	Mal	e	Fema	le
% # %' # 7 Amer. Black Amer. 64.4 26 1.7 531 33.9 1 529 1	Total				٠			Native		Asian				
64.4 26 1.7 531 33.9 1 529 1		. #	%	#	% .	#	2	Ame r.	Black	Amer.	#	%	#*	7
	1,565	1,008	7.79	. 92	1.7	531	33.9	1	529	1	1,091	2:69	717	30.3

1973-74			5			-		34,429
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (\$)

	% of Total Parallel	19.0			•					
1974-75	# of	1 1	•	-		•		•		
DISTRICT(S) PRIMARILY SERVED: 1974-75	Name		,		•					
ပ		Springffeld		`	-				•	١

SPECIAL PROGRAMS:
1
ł
Not Applícable
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Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

Director 1973-74, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools, September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of

Research, Planning, and Evaluation, Individual School Report

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the

Director.

Chicopeg Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State*Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under ... Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

Arlington Vocational-Technical High School, Office of the Director.

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daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal

Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO -

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

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METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Springfield Technical High School, Grades 9-12

								•				<u></u>	,,	
-	. 8%	47.2		7	- 					,	٠	•		47.2
Fenale	#	3,892								- 6	۴			3,892
	%	52.8		 		/				,	*			52.8
Male	*	4.360	,					÷					·	4,360
e)	Asian Amer.	5							•		•			5
n-whit	Native A. Amer. Black A								١	•				2,069
No	dative Amer.	2										,		. 2
	%	25.2								,				25.2
Non-white	#	2,076					,							2,076
name I	<i>*</i> /	5.4								7				5.4
Span.Surname	*#	977	•	•										746
	%	69.4		-		,							,	69.4
White	#	5,730		•	,	•		,						5,730
	Total	8,252				•								8,252
		Springfield			,				`					Total

Source:

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment By Grade". School Report October 1, 1974,

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual "Table 3: Enrollment By Race". School Report October 1, 1974,

403

NOTES FOR TABLE SERIES # 5.

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

METROPOLIFAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on MOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: Springfield Technical High School

District(s) Primarily Served: Springfield

Grade Organization: 9-12

		White		Span.Sumame	n arre	Non-uhi te	nite	Non	Non-white	ţ-	Male	-	Ferale	a
Program	Total	#	%	#	6	ji		Vative		an "		-,		6
College Preparatory	٠		•					wie i. b. fack	דמרג אוובן.	-	~ -	:	-	ę
Technical I											3· ·			
Technical II	•	ON ,	NO FURTHER	11	DATA AVAILABLE	[Del				,	s		٧	
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7	•				-									
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•						5			-					
				2 n										
,	,									===		,		
•						3								
Total						9				· 				

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

Note: Courses of study offered within the programs include: Mechanical Drawing, Architectural Drawing, Woodworking, Graphic Arts, Printing, Auto Shop and Machine Shop.



ROGER L. PUTNAM
VOCATIONAL-TECHNICAL HIGH SCHOOL
(Springfield)

HETROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

· VOCATIONAL-TECHNIÇAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Roger L. Putnam Vocational-Name of School:

Technical High School

Addreßs: 1300 State Street

City: Springfield 011099

Grade Organization: 9-13

Status: Municipal Vocational High School

Director: Walter E. Stanton

Fenale 077 1,071 70.9 lale Asian Black Amer. 0 Non-white 240 1974-75 Sative Amer. 0 15.9 è. ENROLLNEWT: Non-thite 240 Joan' Sumane 122 *** 1,149 76.0 Titte 1,511 Total

		•
· [B. FUNDING:	1978-74
_	Frimary	
	Source	
6 2	of State	77.
	Funds	÷
29.1	Per Pupil	
	Operating	
	Expendi-	, LO
	tures (S)	790,14
•		

•		3.50		. Free Lunch	METCO	Bilingual
DISTRICT(S) PRIMARILY SERVED: 1974-75 # of 7 of Total Name Students Enrollment	Springfield 17.4					
ال			1.		1_1	

of School Enrollment

Students

1974-75

SPECIAL PROGRAMS:

.22.7

343

0

0

Applicable

Not

See next page Notes and Sources:

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

<u>Director 1973-74</u>, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, <u>List of Massachusetts Vocational Schools</u>, September

1974, as verified by a Metropolitan Planning Project
telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization
is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Director.

Sources: Massachusetts State Department of Education, Division of
Research, Planning, and Evaluation, Individual School Report,
October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the
Director.

Chicopee Vocational-Technical High School, Office of the

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

9, Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Per Pupil Expenditures
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, <u>Individual School Report</u>,

October 1, 1974; "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School:

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School. .

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Keimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, <u>COMMUNITIES PARTICIPATING IN METCO</u> - 1974-75.

Arlington Vocational-Technical High School.

Note: The only vocational-technical school in either the Boston or

Springfield metropolitan areas which serves METCO students is

Newton Vocational-Technical High School which has two (2) METCO

students.

Katherine Jones, METCO Coordinator for Newlon Schools.

Bilingual

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

METROPOLITAN PLANNING PROJECT/MASS.ACTIUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION '

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series 5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Roger L. Putnam Vocational-Technical High School, Grades 9-13

		White		Span. Sumame	n ame	Non-white	ite	No	Non-white	e	Male	-	Female	
٥	Total	#	%	*		*		Vative Amer.	ative Amer. Black	Asian Amer.	#	2	#	<u></u>
Springfield	8,252	5,730	69.4	7 977	5.4	2,076	25.2	2	2,069	٠ 5	4,360	52.8	3,892	47.2
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	, i		•				-							
Total	8,252	5,730	69.4	977	5.4	2,076	25.2	2	2,069	2	4,360	52.8	3,892	47.2

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table One: Enrollment By Grade". Source:

. Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report October 1, 1974, "Table 3: Enrollment By Race".



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students wno are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrol ment in some cases; this is because it could not be determined if they were in a congruent school grade.

METFOROLLIAN PLANNING PROJECT/YASSACHUSETTS ADVISORY COUNCIL ON JOCATIONAN-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TALLE, #6

Individual Program Enrollment by School by Race and Sex Charaoteristics: 1974-75

Name of Schools Roger L. Putnam Vocational-Technical District(s) Primarily Served: Springfield | High School

Grade brganization: 9-13

		::hite		1Span.Surnare	1 Non-white	i Kon-muite		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	-					Kative Asian		
Program	F 4	≈.	~ 2	€ C		WeriBlack Arer		*:
Exploratory	175						· · · · · · · · · · · · · · · · · · ·	
Appliance and Ain Conditining	32							
Auto Body	33				,	•	-	
Auto Mechanics	117				ď			
Bakery	37	ON	NO FURTHER	SR DATA AVAILABLE	BLE		-	
Cabinet Shop	92				- •		-	
Cosmetology	34			•	· ·			
Electric	-92				-		-	
Foods and Catering	37	•						
Graphic Arts						rando 100 r		च-र द-र
Heating and Air. Conditioning	. 58	٠.						
Machine Shop	120					-		
Machine Drafting	27							-

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

Note: Licensed Practical Nurse and Cosmetology (P.G.) Programs, post-graduates only. All figures valid as of September 1974.



METROPOLITAN PLANNING PROJECT/NASSACHUSETTS ADVISORY COUNCIL, on JOCATIONAL-TECHNICAL EDUCATION

VUCNTIONAL-TECHNICAL EDUCATION STUDY TALLE #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1974-75

Name of School: Roger L. Putnam Vocational-Techvical District(s) Primarily Served: Springfield High School

Grade Organization: 9-13

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				1	1 7 7 7	7 17 17 17 17 17 17 17 17 17 17 17 17 17	ני	27 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-	11 つ	1
Program	Total	∜ :	<i>J</i> .0		- - -	.•	; e	Kative Amer. Black	Asian	*:		#	, ,
Needle Trades	33			,						,			
Health Services	56	,					,						
Fainting and FDecorating	. 32				} ;,								
Pattern Making	32				-	٠			-				
Printing	85	NO	NO FURTHER	DATA A	DATA AVAILABLE	f+1	ŕ,			*.	·÷		
Radio and Television	06					.•*		5				,	
Sheet Metal	33.												
Welding	32	·							-				
Licensed Practica	1 44				\			<u> </u>					
Cosmetology (P.G.)	18				,	8	-		•		-		
	•												
				-					<u></u>				
		٠		· ,									
Total	, 1339			*									
;													

Source: Metropolitan Planning Projec:, Telephone Survey, April 1975.

Note: Licensed Practical Nurse and Cosmetology (P.G.) programs, post-graduates only. All sures valid as of



WESTFIELD VOCATIONAL HIGH SCHOOL



ERIC

* METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Series #4

Selected Characteristics of Individual Vocational-Technical Schools

Name of School: Westfield Vocational High School

Grade Organization: 9-12

Address: 33 Smith Avenue

Status: Municipal Vocational High School

City: Westfield 01085

Director: Michael Gonzalez

White ENROLLMENT: 1974-75 White Span.Surname Non-white Non-white Non-white Asian # % # % 0 # % 0 # % # % Amer. Black Amer. # % 0 # % 0 F 332 93.5 22 6.2 1 0.3 0 1 0 355 100.0 0 Per														
Span.Surname Non-white Non-white Male Female # % # % Amer. Black Amer. # % # % 22 6.2 1 0.3 0 1 0 355 100.0 0 0					ENROLLME	NT: 1	974-75	•						æ
# % # % Amer. Black Amer. # % # % 22 6.2 1 0.3 0 1 0 355 100.0 0 0		ite	Span.Su	ımame		ite	N	on-whi	te	Mal	9	Femal	0)	<u>.</u>
# % Amer. Black Amer. # % # % 22 6.2 1 0.3 0 1 0 355 100.0 0 0	I						Native		Asian					<u> </u>
22 6.2 1 0.3 0 1 0 355 100.0 0 0		~	*	%	#	% ·	Amer.	Black	Amer.	4 ‡≥	2	#	~	_
22 6.2 1 0.3 0 1 0 355 100.0 0 0	1	-	,											144
	۸.	93.5	22	6.2	٦	0.3		7	0	355	100.0	0	0	<u> </u>

1973-74		-	77 45			-	\$2,592	
B. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	Operating	Expendi-	tures (S)

			L_	!	•		<u> </u>	_		<u> </u>		!		
		% of Total Parallel Enrollment	12.5	e.			1				•		,	
						The second secon								
	DISTRICT(S) PRIMARILY SERVED: 1974-75	N ame							•					
41	8	,	Westfield											

00]	_		
1974-75 % of School Enrollment	13.0	.` O*	6.2
SPECIAL FROGRAMS: 1974-75 # of	97	0	22
D. SPECIA	Free Lunch	METCO	Bilingual

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School

<u>Director 1973-74</u>, June 1974; and Massachusetts State

Department of Eudcation, Division of Occupational Education, <u>List of Massachusetts Vocational Schools</u>, September 1974, as verified by a Metropolitan Planning Project

telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent,
or division of a comprehensive high school.
Henry O. Peabody School for Girls, whose grade organization

is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lynn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table One: Enrollment by Grade", and

"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, Per Pupil Expenditures

1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see

Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Education and School Food Services, National School Lunch Program, and Special Milk Program, Report and Claim Reimbursement,
October 1974.

Arlington Vocational-Technical High School, Office of the Director. Chicopee Vocational-Technical High School, Office of the Director. The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage (%) of School Enrollment was found by dividing the average

daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Sources: Massachusetts State Department of Education, Division of

Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

Notes: The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL, EDUCATION STUDY TABLE #5

Series #5

Gurrent Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Westfield Vocational High School, Grades 9-12

		White		Span Surname	4226	Non-white	94.5	2	A children		GL CM		Farala	
		·						Native		Asian	1			
	Total	#	%	#	%	#	%	Amer. Black		Amer.	*	%	#	9.0
Westfield	2,286	2,227	97.4	. 84	2.1	11	0.5	0	, 2	6	1,236	54.1	1,050	45.9
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		,	ч			,					, 3			
Total	2,286	2,227	97.4	48	2.1	11	0.5	0	2	6	1,236	54.1	1,050	45.9

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment By Grade". "Table 3: Enrollment By Race". Massachusetts State Department School Report October 1, 1974, School Report October 1, 1974, Source:



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel inrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

"VOCATIONAL-TECHNICAL EDUCATION STUDY TAME #6

Series #6

Individual Program Enrollment by School by Race and Sex Characteristics: 1973-74

' District(s) Primarily Served: Westfield

Grade Organization: 9-12

Name of School: Westfield Vocational High School

	,	White		Span.Sumare	rn ar å	Non-white	I te	,	Non-unite	5	W310	-	Fe-ale	ν
Program	Total .	*	~* 	71	8-6	*	6.5	Native Amer.	ative Amer, Black	Asian Arer.	⇒ 55	2	#	4.0
Auto Specializa- tion Repair	77	76	98.7	0	0	1	1.3	C	0	1	77	100.00	0	0
Carpentry, Con- struction	114	104	91.2	6	7.9	1	0.9	0	1	0	114	100.0	0	0
Drafting Occupations	6	6	100.0	0	0	. 0	0	0	0	0	6	100.0	0	0
Elect#ical Occupations	56	53	94.6	3	5.4	0	0	د	0	0	. 56	100.0	0	. 0
Electionic Occupations	27	27	0.001	, 0	0	0	0	0	0	0	27	100.0	0	0
Machine Shop	42	40	95.2	2	4.8	, O	0	0	0	0	42	100.0	· * 0	. 0
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		-												
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			,											
													e	
Total -	325	309	95.1	14	4.3	2	0.6	0		1	325	100.0	0	0

U.S. Department of Health, Education and Welfare, Office of Civil Rights, Civil Rights Survey of Area Vocational-Technical Schools, February 28, 1974. Source:

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SPRINGFIELD METROPOLITAN AREA REGIONAL VOCATIONAL-TECHNICAL SCHOOLS



PATHFINDER REGIONAL VOCATIONAL-TECHNICAL HIGH SCHOOL



METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL, EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE # 4

Selected Characteristics of Individual Vocational-Technical Schools

Name of Achool: Pathfinder Regional Vocational-

Technical.High School

Grade Organization:, 9-13

Address: Route 181

Status: Regional Vocational-Technical High School

City: Palmer 01069

Director: Gerald L. Paist

3. FUN	Primar	Source	of Sta	Funds	Per P
-	le		7		30.6
	Female		#		121
	9		%		69.4
, ?	Male		*		274 69.4 121 30.6
	te	Asian	Amer.		1
	Non-white		Amer. Black Amer.		-1
1974-75	N	Native	Amer.		0
NT:	iite		%		0.5
ENROLLMENT: 1974-75	Non-white		*		2
	name		%		0.3
	Spam.Sur		#		-1
	· a		*		392 99.2
	Wite		#		392
A.		Total			. 395

429

1973-74			라. 74				67 173	31,115
3. FUNDING: 1973-74	Primary	Source	of State	Funds	Per Pupil	nerating	-ipuc a	tur, (s)

ا د	DISTRICT(S) PRIMARILY SERVED: 1974-75	1974-75	
J		# 0.4	
	Name	Students	Farellel Enrollment
Belchertown		72	
Monson		115	24.9
New Braintree		14	N.A.
Palmer		194	22.4
*	<i>\$</i> 7		
			٠

	10			
1974-75	% of School Enrollment	8	0	2.8
SPECIAL PROGRAMS:	# of Students	7 E	0	11
D SPECIA		Free Lunch	METCO	Bilingual

Notes and Sources: See next page

NOTES AND SOURCES TABLE SERIES #4

Name of School, Address, City, Grade Organization, Status, Director

Sources: Massachusetts State Department of Education, Bureau of
Educational Information Services, Massachusetts School
Director 1973-74, June 1974; and Massachusetts State
Department of Eudcation, Division of Occupational Education, List of Massachusetts Vocational Schools. September 1974, as verified by a Metropolitan Planning Project telephone survey, March 1975.

Notes: The "Status" of a school refers to the class of vocationaltechnical school it is; regional, municipal, independent, or division of a comprehensive high school.

Henry O. Peabody School for Girls, whose grade organization is listed as 11-13, has one tenth grade student.

For purpose of Table Series #5, the grade organization of Lvnn Independent Industrial Shoemaking School was considered to be 9-12.

A. ENROLLMENT: 1974-75

Sources: Massachusetts State Department of Education, Division of Research, Planning, and Evaluation, <u>Individual School Report</u>,

October 1, 1974, "Table One: Enrollment by Grade", and
"Table 3: Enrollment by Race".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.



Minuteman Regional Vocational-Technical High School, Office of the Director.

Notes: Figures for Boston Technical School are valid as of November 1, 1974.

B. FUNDING: 1973-74

Primary Source of State Funds

Source: Massachusetts State Department of Education, Division of
Occupational Education, <u>List of Massachusetts Vocational</u>
Schools, September 1974.

Note: Chapter 70 was considered to be the primary source of state funds for any school which was not reimbursed under.

Chapter 74.

Per Pupil Operating Expenditures

Source: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, <u>Per Pupil Expenditures</u>
1973-74, (print-out), April 1975.

Note: Individual school operating expenses were estimated to be equal to those operating expenditures for the school district in which they are located and their designated grade organization (Junior High, High School, beyond Grade 12, or Total). Chapter 70 schools were treated as Regular Day and and Special Education programs and Chapter 74 schools were treated as Occupational Day programs.

C. DISTRICT(S) PRIMARILY SERVED: 1974-75

of Students

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table 2: Enrollment by Residence".

Arlington Vocational-Technical High School.

Chicopee Vocational-Technical High School.

Minuteman Regional Vocational-Technical High School.

Notes: This table classified enrolled students by their district of residence. In the case of municipal and independent vocational-technical schools, the district in which the school is located was considered to be the only primarily served district. In the case of regional vocational schools, all member districts were considered to be primarily served districts.

Figures for Boston Technical High School valid as of November 1, 1974.

% of Total Parallel Enrollment

Source: Metropolitan Planning Project calculations, April 1975.

Notes: The Percentage (%) of Total Parallel Enrollment was calculated by dividing the number of students from a particular district of residence by the total number of students in the same grades, as are served by the attended vocational schools, for that same school district. The total number of students in parallel grades was estimated to be equal to the number of students attending those grades in the schools of the resident district (see



Table #5 series). For the cases of municipal vocationaltechnical schools and vocational divisions of comprehensive
high schools, the total student enrollment of the individual
vocational-technical high school was included in the Table #5
figures. In the cases of regional vocational-technical schools,
the number of students from a particular district was added to
that district's total as it appeared on Table #5 before the
comparison was made. In cases where a school district is served
by two vocational schools, the resident students of both schools
were considered part of the parallel population and were included
accordingly.

D. SPECIAL PROGRAMS: 1974-75

Free Lunch

Notes:

Sources: Massachusetts State Department of Education, Bureau of Nutrition

Education and School Food Services, National School Lunch Program and Special Milk Program, Report and Claim Reimbursement,

October 1974.

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

The number of free lunch students is equal to the number of students receiving free lunch on an average day in the month of October 1974. Figures for Joseph P. Keefe Technical School are for December 1974. Eligibility is based upon the income level and number of children in a student's family. Percentage

(%) of School Enrollment was found by dividing the average

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daily number of free lunch students by the total school en-

METCO

Sources: Massachusetts State Department of Education, Bureau of Equal Educational Opportunity, COMMUNITIES PARTICIPATING IN METCO - 1974-75.

Arlington Vocational-Technical High School.

Katherine Jones, METCO Coordinator for Newton Schools.

Note: The only vocational-technical school in either the Boston or Springfield metropolitan areas which serves METCO students is Newton Vocational-Technical High School which has two (2) METCO students.

Bilingual

Notes:

Sources: Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual School Report,

October 1, 1974, "Table #11: Bilingual Children".

Arlington Vocational-Technical High School, Office of the Director.

Chicopee Vocational-Technical High School, Office of the Director.

Minuteman Regional Vocational-Technical High School.

The total number of bilingual children in the school is equal to the total number of children in this school whose first language is not English and the total number of children in this school who are limited English-speaking, as defined by Chapter 71A, Section #2 of the General Laws of the Commonwealth of Massachusetts. Percentage (%) of School Enrollment was found by dividing the number of bilingual students by the total school enrollment.

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METROPOLITAN PLANNING PROJECT/MASSACHUSETTS ADVISORY COUNCIL on VOCATIONAL-TECHNICAL EDUCATION

VOCATIONAL-TECHNICAL EDUCATION STUDY TABLE #5

Series #5

Current Parallel School Enrollment by Race and Sex Characteristics: 1974-75 by the Districts Primarily Served by

Pathfinder Regional Vocational-Technical High School, Grades 9-13

		White		Span.Sumare	mane	Non-white	1:52	NON	Non-thite	9	Male	-	Ferile	le l
,	Total	*	%	#	9.5	#		Marive Amer.	ative Asian Asian Amer.	Asian Arer.	#	80	#	_ĝ n
Belchertown	407	405	99.5	1	0.3	1	0.2	0	1	, 0	212	52.1	195	47.9
Monson	347	347	100.0	0	0	0	0	0	0	0	155	44.7	192	55.3
New Braintree						TUITIONED OUT	VED OUT						· • 1	
Palmer	673	129	99.7	0	0	2	0.3	0	.2	0	292	43.4	381	56.6
Pathfinder Regional		·									-			
Vocational- Technical	395	392	99.2	, 	0.3	2	0.5	0		-	274	69.4	121	30.6
									-					
	,													
				`			,		,	==			•	
							2,		,	,				
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				,			-						`	
Total	1,822	1,815	9.66	2	0.1	5	0.3	0	4	1	933	51.2	88۶	48.8

Massachusetts State Department of Education, Division of Research, Planning and Evaluation, Individual of Education, Division of Research, Planning and Evaluation, Individual "Table One: Enrollment By Grade" "Table 3: Enrollment By Race". School Report October 1, 1974, Massachusetts State Department School Report October 1, 1974,



NOTES FOR TABLE SERIES # 5

The information contained in this series of tables represents the total enrollment in congruent grades for the school districts primarily served by
a particular vocational-technical school.* The information was used to determine whether significant statistical differences existed between the distribution of a particular vocational-technical school's enrollment and the
distribution of students in the body of students from which that enrollment
was primarily drawn (the body of students who are supposed to be served by
that school). The Table Series #5 "Total" figures and proportions were compared with the individual school's enrollment figures and proportions.

*Both students residing in and out of the primarily served district(s) were considered to be part of the parallel enrollment if they attended school in the primarily served district(s). No ungraded were considered to be part of this parallel enrollment though ungraded students were part of an individual school's enrollment in some cases; this is because it could not be determined if they were in a congruent school grade.

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POCHIONA-TECHICAL EDUCATION STUDY TALE #6

Series #6

Individual Program Enrollment by School by Race and Sex. Characteristics: 1974-75

Name of School: Pathfinder Regional Vocational— Distri Technical High School

District(s) Primarily Served: Aelchertown, Monson, New Braintree, Palmer

Grade Organization: 9-13

***		97.15		18. 0. 5. C.	2 LE 12	140-01%	1 1 1		Non-unit		1. 24		li.	
								Native		Asian			-	-
HE LABOL A	1 2 4 7 4	::		7)	5.6	**	è i	1 6 4	Black	- Smorts	'!:	-	±	, n
Horticulture	, 80 80	38	100.0	0	0	0	0	0	0.	. 0	34	89.5	4	→ 10.5
Health Service Assistant	21	21	100.0	0	0	0	0	0	0	0		4.8	20	95.2
Clothing	32	32	100.0	0	0	0	0	0	0	0	0	0	32	100.0
Machine Shop	42	42	100.0	, 0	0	0	0	0	0	0	42	100.0	0	0
Cosmetology	22	21	95.5	0	0	Ţ.	4.5	. 0	٦	0	0	0	22	100.0
Culinary Arts	36	36 *	100.0	0	0	0	0	0	0	0	18	50.0	18	50.0
Auto Mechanics	53	53	100.0	0	0	0	0	0	0	0	51	96.2	2	3.8
Carpentry	09	69	100.0	O,	0	. 0	0	0	0	0	09	100.0	0	, 0
Electricity	39	. 38	97.4	1	2.6	0	0	0	0	0	39	100.0	0	0
Electronics	11	, 11	100.0	0	0	Ç	0	0 ,	Ö	0	11	100.0	0	ó
Orafting	23	- 23	100.0	0	0	0	0	0	C	0	21	91.3	2	8.7
			*******							.=				:>-
	•	Z ,				-				3				
192 Leal	377	375	99.5	1	0.3	1	0.3	0	-	0	277	73.5	100	26.5

Source: Metropolitan Planning Project, Telephone Survey, April 1975.

Note: All figures valid as of April 1975.